

Country	Application Date	Registration Date	Title	Case Status
Fabrication Method Using the Casting Route				
Belgium	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
Bulgaria	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
China	May 11, 2011	March 27, 2018	FUEL ASSEMBLY	Registered
Czech Republic	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
Europe	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
Hungary	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
Korea	May 11, 2011	November 12, 2019	FUEL ASSEMBLY	Registered
United Kingdom	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
United States of America	February 20, 2018		FUEL ASSEMBLY	Pending
Korea	November 12, 2019		FUEL ASSEMBLY	Pending
Fabrication Method Using the Powder Metallurgy Route				
Australia	May 11, 2011	July 2, 2015	FUEL ASSEMBLY	Registered
Belgium	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
Bulgaria	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
Bulgaria	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
Canada	May 11, 2011		FUEL ASSEMBLY	Pending
China	May 11, 2011	May 18, 2016	FUEL ASSEMBLY	Registered
China	May 11, 2011	March 27, 2018	FUEL ASSEMBLY	Registered
Czech Republic	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
Czech Republic	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
Europe	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
Europe	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
Finland	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
France	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
Germany	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
Hungary	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
Hungary	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
India	May 11, 2011		FUEL ASSEMBLY	Pending
Japan	May 11, 2011	September 9, 2016	FUEL ASSEMBLY	Registered
Sweden	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
Turkey	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
United Kingdom	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
United States of America	May 11, 2011	July 31, 2018	FUEL ASSEMBLY	Registered
United States of America	February 20, 2018		FUEL ASSEMBLY	Pending
All-Metal Fuel Assembly Design and A Mixed Grid Pattern of Metallic Fuel Rods				
United States of America	November 15, 2013	January 1, 2019	FUEL ASSEMBLY	Registered
Belgium	May 1, 2014	January 31, 2018	FUEL ASSEMBLY	Registered
Bulgaria	May 1, 2014	January 31, 2018	FUEL ASSEMBLY	Registered
Canada	May 1, 2014		FUEL ASSEMBLY	Pending
China	May 1, 2014	November 24, 2017	FUEL ASSEMBLY	Registered
Czech Republic	May 1, 2014	January 31, 2018	FUEL ASSEMBLY	Registered
Eurasian Patent Organization	May 1, 2014	October 31, 2019	FUEL ASSEMBLY	Registered
Europe	May 1, 2014	January 31, 2018	FUEL ASSEMBLY	Registered
Finland	May 1, 2014	January 31, 2018	FUEL ASSEMBLY	Registered
France	May 1, 2014	January 31, 2018	FUEL ASSEMBLY	Registered
Germany	May 1, 2014	January 31, 2018	FUEL ASSEMBLY	Registered

Hungary	May 1, 2014	January 31, 2018	FUEL ASSEMBLY	Registered
India	May 1, 2014		FUEL ASSEMBLY	Pending
Japan	May 1, 2014	July 13, 2018	FUEL ASSEMBLY	Registered
Korea	May 1, 2014		FUEL ASSEMBLY	Pending
Spain	May 1, 2014	January 31, 2018	FUEL ASSEMBLY	Registered
Sweden	May 1, 2014	January 31, 2018	FUEL ASSEMBLY	Registered
Turkey	May 1, 2014	January 31, 2018	FUEL ASSEMBLY	Registered
Australia	September 16, 2015		NUCLEAR FUEL ASSEMBLY	Pending
Belgium	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
Bulgaria	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
Czech Republic	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
Canada	September 16, 2015		NUCLEAR FUEL ASSEMBLY	Pending
China	September 16, 2015	April 2, 2019	NUCLEAR FUEL ASSEMBLY	Registered
Eurasian Patent Organization	September 16, 2015	December 13, 2019	NUCLEAR FUEL ASSEMBLY	Registered
Europe	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
Finland	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
France	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
Germany	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
Hungary	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
Japan	September 16, 2015		NUCLEAR FUEL ASSEMBLY	Pending
Korea	September 16, 2015		NUCLEAR FUEL ASSEMBLY	Pending
Spain	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
Sweden	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
Turkey	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
United Kingdom	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
All-Metal Fuel Assembly Design (i.e., No Oxide Rods in The Outer Row)				
Canada	December 26, 2007	April 26, 2016	NUCLEAR REACTOR (VARIANTS), FUEL ASSEMBLY CONSISTING OF DRIVER-	Registered
United States of America	December 22, 2008	February 14, 2012	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
India	December 26, 2007		NUCLEAR REACTOR (VARIANTS), FUEL ASSEMBLY CONSISTING OF DRIVER-	Pending
Australia	May 11, 2011	July 2, 2015	FUEL ASSEMBLY	Registered
United States of America	May 11, 2011	July 31, 2018	FUEL ASSEMBLY	Registered
United States of America	November 15, 2013	January 1, 2019	FUEL ASSEMBLY	Registered
Multi-Lobe Metallic Fuel Rod Design				
Australia	December 26, 2007	May 24, 2014	NUCLEAR REACTOR (VARIANTS), FUEL ASSEMBLY CONSISTING OF DRIVER-	Registered
Australia	December 26, 2007	August 4, 2016	NUCLEAR REACTOR (VARIANTS), FUEL ASSEMBLY CONSISTING OF DRIVER-	Registered
Belgium	December 26, 2007	May 18, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
Bulgaria	December 26, 2007	May 18, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered

Canada	December 26, 2007	April 26, 2016	NUCLEAR REACTOR (VARIANTS), FUEL ASSEMBLY CONSISTING OF DRIVER-	Registered
China	December 26, 2007	February 12, 2014	NUCLEAR REACTOR (VARIANTS), FUEL ASSEMBLY CONSISTING OF DRIVER-	Registered
China	December 26, 2007	June 23, 2017	NUCLEAR REACTOR (VARIANTS), FUEL ASSEMBLY CONSISTING OF DRIVER-	Registered
Czech Republic	December 26, 2007	May 18, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
Europe	December 26, 2007	May 18, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
Finland	December 26, 2007	May 18, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
France	December 26, 2007	May 18, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
Germany	December 26, 2007	May 18, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
Hungary	December 26, 2007	May 18, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
India	December 26, 2007		NUCLEAR REACTOR (VARIANTS), FUEL ASSEMBLY CONSISTING OF DRIVER-	Pending
Japan	December 26, 2007	August 1, 2014	NUCLEAR REACTOR (VARIANTS), FUEL ASSEMBLY CONSISTING OF DRIVER-	Registered
Japan	December 26, 2007	April 22, 2016	NUCLEAR REACTOR (VARIANTS), FUEL ASSEMBLY CONSISTING OF DRIVER-	Registered
Korea	December 26, 2007	December 15, 2014	NUCLEAR REACTOR (VARIANTS), FUEL ASSEMBLY CONSISTING OF DRIVER-	Registered
Korea	December 26, 2007	April 20, 2015	NUCLEAR REACTOR (VARIANTS), FUEL ASSEMBLY CONSISTING OF DRIVER-	Registered
Sweden	December 26, 2007	May 18, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
Turkey	December 26, 2007	May 18, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
United Kingdom	December 26, 2007	May 18, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
United States of America	December 22, 2008	February 14, 2012	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
Belgium	December 23, 2008	September 21, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
Bulgaria	December 23, 2008	September 21, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered

Czech Republic	December 23, 2008	September 21, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
Europe	December 23, 2008	September 21, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
Finland	December 23, 2008	September 21, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
France	December 23, 2008	September 21, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
Germany	December 23, 2008	September 21, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
Hungary	December 23, 2008	September 21, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
Spain	December 23, 2008	September 21, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
Sweden	December 23, 2008	September 21, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
Turkey	December 23, 2008	September 21, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
United Kingdom	December 23, 2008	September 21, 2016	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
United States of America	March 14, 2011	February 18, 2014	A FUEL ELEMENT, A FUEL ASSEMBLY AND A METHOD	Registered
Australia	December 25, 2008	September 3, 2015	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Belgium	December 25, 2008	February 20, 2019	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Bulgaria	December 25, 2008	April 13, 2016	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Bulgaria	December 25, 2008	February 20, 2019	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Canada	December 25, 2008	November 29, 2016	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Canada	December 25, 2008	February 12, 2019	A LIGHT-WATER REACTOR FUEL ASSEMBLY AND FUEL	Registered
China	December 25, 2008	June 29, 2016	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Czech Republic	December 25, 2008	April 13, 2016	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Czech Republic	December 25, 2008	February 20, 2019	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered

Europe	December 25, 2008	April 13, 2016	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Europe	December 25, 2008	February 20, 2019	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Europe	December 25, 2008		FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Pending
Finland	December 25, 2008	April 13, 2016	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Finland	December 25, 2008	February 20, 2019	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
France	December 25, 2008	April 13, 2016	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
France	December 25, 2008	February 20, 2019	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Germany	December 25, 2008	April 13, 2016	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Germany	December 25, 2008	February 20, 2019	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Hungary	December 25, 2008	April 13, 2016	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Hungary	December 25, 2008	February 20, 2019	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
India	December 25, 2008		FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Pending
Japan	December 25, 2008	June 5, 2015	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Korea	December 25, 2008	August 18, 2015	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Spain	December 25, 2008	February 20, 2019	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Sweden	December 25, 2008	April 13, 2016	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered

Sweden	December 25, 2008	February 20, 2019	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Turkey	December 25, 2008	April 13, 2016	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Turkey	December 25, 2008	February 20, 2019	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
United Kingdom	December 25, 2008	April 13, 2016	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
United Kingdom	December 25, 2008	February 20, 2019	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
United States of America	December 25, 2008	May 31, 2016	FUEL ASSEMBLY FOR A LIGHT-WATER NUCLEAR REACTOR (EMBODIMENTS), LIGHT-	Registered
Australia	May 11, 2011	July 2, 2015	FUEL ASSEMBLY	Registered
Australia	May 11, 2011	March 21, 2019	FUEL ASSEMBLY	Registered
Australia	May 11, 2011		FUEL ASSEMBLY	Pending
Belgium	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
Bulgaria	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
Bulgaria	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
Canada	May 11, 2011		FUEL ASSEMBLY	Pending
Canada	May 11, 2011		FUEL ASSEMBLY	Pending
China	May 11, 2011	May 18, 2016	FUEL ASSEMBLY	Registered
Czech Republic	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
Czech Republic	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
Europe	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
Europe	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
Finland	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
France	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
Germany	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
Hungary	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
Hungary	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
India	May 11, 2011		FUEL ASSEMBLY	Pending
Japan	May 11, 2011	September 9, 2016	FUEL ASSEMBLY	Registered
Japan	May 11, 2011	September 9, 2016	FUEL ASSEMBLY	Registered
Japan	May 11, 2011	April 13, 2018	FUEL ASSEMBLY	Registered
Korea	May 11, 2011	November 12, 2019	FUEL ASSEMBLY	Registered
Sweden	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
Turkey	May 11, 2011	April 6, 2016	FUEL ASSEMBLY	Registered
United Kingdom	May 11, 2011	October 25, 2017	FUEL ASSEMBLY	Registered
United States of America	May 11, 2011	July 31, 2018	FUEL ASSEMBLY	Registered
United States of America	February 20, 2018		FUEL ASSEMBLY	Pending
Korea	November 12, 2019		FUEL ASSEMBLY	Pending
United States of America	November 15, 2013	January 1, 2019	FUEL ASSEMBLY	Registered

Australia	May 1, 2014	October 11, 2018	FUEL ASSEMBLY	Registered
Australia	May 1, 2014	October 11, 2018	FUEL ASSEMBLY	Registered
Canada	May 1, 2014		FUEL ASSEMBLY	Pending
Eurasian Patent Organization	May 1, 2014	October 31, 2019	FUEL ASSEMBLY	Registered
India	May 1, 2014		FUEL ASSEMBLY	Pending
Japan	May 1, 2014	July 13, 2018	FUEL ASSEMBLY	Registered
Korea	May 1, 2014		FUEL ASSEMBLY	Pending
Australia	December 5, 2019		FUEL ASSEMBLY	Pending
Australia	May 7, 2018		FUEL ASSEMBLY	Pending
Australia	September 16, 2015		NUCLEAR FUEL ASSEMBLY	Pending
Canada	September 16, 2015		NUCLEAR FUEL ASSEMBLY	Pending
China	September 16, 2015	April 2, 2019	NUCLEAR FUEL ASSEMBLY	Registered
China	September 16, 2015		NUCLEAR FUEL ASSEMBLY	Pending
Eurasian Patent Organization	September 16, 2015	December 13, 2019	NUCLEAR FUEL ASSEMBLY	Registered
Eurasian Patent Organization	September 16, 2015		NUCLEAR FUEL ASSEMBLY	Pending
Europe	September 16, 2015		NUCLEAR FUEL ASSEMBLY	Pending
Belgium	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Belgium
Bulgaria	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
Czech Republic	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
Finland	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
France	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
Germany	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
Hungary	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
Japan	September 16, 2015		NUCLEAR FUEL ASSEMBLY	Pending
Korea	September 16, 2015		NUCLEAR FUEL ASSEMBLY	Pending
Belgium	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Belgium
Bulgaria	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
Czech Republic	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
Finland	September 16, 2015	February 19, 2020	NUCLEAR FUEL ASSEMBLY	Registered
United States of America	September 16, 2015	January 29, 2019	NUCLEAR FUEL ASSEMBLY	Registered
United States of America	January 7, 2019		NUCLEAR FUEL ASSEMBLY	Pending
United States of America	December 28, 2018		FUEL ASSEMBLY	Pending