

Method of and Apparatus for Nuclear Transformation

ABSTRACT

Nuclear transformation method and apparatus can produce thermal energy and hydrogen with a simple structure. A reaction cell 1, 100, made of metal material like iron, from which oxygen is discharged is heated by a heater 6,115 at a temperature above 500°C. Water is supplied into the reaction cell 1,100 to be changed into steam which reacts on the inner wall of the reaction cell 1,100 to produce hydrogen and thermal energy through a nuclear transformation. In the case that a reaction agent (NaOH, K₂TiO₃) which includes at least alkaline metal and oxygen is accommodated in the reaction cell 1,100, a nuclear reaction occurs without the supply of water. Steam may be supplied into the reaction cell 1, 100 to activate the nuclear reaction and fins t 124 as a metal element supplying body may be accommodated in the reaction cell 1,100 to increase the area of the metal surface.

Figure 1