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(54) **ENVIRONMENTALLY ROBUST ELECTROMAGNETS AND ELECTRIC MOTORS EMPLOYING SAME FOR USE IN NUCLEAR REACTORS**

GEGEN UMWELTEINFLÜSSE GESCHÜTZTE ELEKTROMAGNETEN UND ELEKTROMOTOREN  
DAMIT ZUR VERWENDUNG IN KERNREAKTOREN

ELECTROAIMANTS RÉSISTANT À L'ENVIRONNEMENT ET MOTEURS ÉLECTRIQUES UTILISANT  
CES ÉLECTROAIMANTS ET DESTINÉS À ÊTRE UTILISÉS DANS DES RÉACTEURS NUCLÉAIRES

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(56) References cited:  
**EP-A2- 0 395 037 WO-A1-92/09092**  
**WO-A2-02/03527 CN-Y- 2 835 664**  
**DE-A1- 1 925 182 DE-A1- 3 729 615**  
**US-A- 4 252 605 US-A- 5 174 945**  
**US-A- 5 258 084 US-A1- 2008 242 551**  
**US-A1- 2010 254 505 US-A1- 2010 316 177**

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