

Title (en)

Electrical connecting device for automatic railway couplings

Title (de)

Elektrokupplung für eine automatische Zugkupplung

Title (fr)

Dispositif de connexion électrique pour attelages automatiques des véhicules ferroviaires

Publication

EP 1052157 A3 20010221 (DE)

Application

EP 00109878 A 20000510

Priority

DE 19921611 A 19990510

Abstract (en)

[origin: EP1052157A2] The coupling has a centring device (10) with baffle surfaces (30), a locking and release device for coupling and decoupling an electric coupling (104) with a number of plug contacts and a protective plate (102). The centring device has an actuator with arrangement at least for actuating the protective plate mounted on the centring device so that the plate can be moved from a first position in which the plug contacting device is covered to a second position in which it is exposed when the locking devices of coupled centring devices are engaged. Independent claims are also included for an automatic traction coupling, for a method of coupling an electric coupling and a method of releasing an electric coupling.

IPC 1-7

B61G 5/10; **B61G 5/06**

IPC 8 full level

B61G 5/06 (2006.01); **B61G 5/10** (2006.01)

CPC (source: EP)

B61G 5/06 (2013.01); **B61G 5/10** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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EP 1052157 A2 20001115; **EP 1052157 A3 20010221**; **EP 1052157 B1 20040303**; DE 19921611 A1 20001123; DE 50005475 D1 20040408; DE 50010196 D1 20050602; EP 1375291 A1 20040102; EP 1375291 B1 20050427

DOCDB simple family (application)

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