

Title (en)

AUTOMATIC RAILWAY COUPLING AND METHOD FOR UNCOUPLING AN AUTOMATIC RAILWAY COUPLING

Title (de)

AUTOMATISCHE ZUGKUPPLUNG UND VERFAHREN ZUM ENTKUPPELN EINER AUTOMATISCHEN ZUGKUPPLUNG

Title (fr)

ATTELAGE FERROVIAIRE AUTOMATIQUE ET PROCÉDÉ DE DÉSACCOUPEMENT D'UN ATTELAGE FERROVIAIRE AUTOMATIQUE

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Application

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Abstract (en)

[origin: WO2022129021A1] The invention relates to an automatic railway coupling, more particularly for a freight wagon of a rail vehicle, having a coupling head (1), which comprises a coupling head housing (2) and a coupling lock (3) with latch, wherein the coupling lock is designed as a rotary lock with a coupling eye (5) and a central part (6), wherein the central part is rotatable about a main axis (7) between a coupled position and an uncoupled position, the coupling eye being connected by a first end (5.1) in a manner rotatable about a coupling eye axis (8) to the central part and comprising a second free end (5.2); and the central part comprising jaws (9), which are arranged for receiving a second end of a coupling eye of a mating coupling head; having an electrically, hydraulically or pneumatically actuated uncoupling device (11), which comprises an electric motor (12), hydraulic motor or pneumatic motor, which is connected via a drive connection at least indirectly to the central part, to rotate the central part from the coupled position into the uncoupled position, wherein the uncoupling device has a lock position, in which the device blocks a rotation of the central part from the uncoupled position into the coupled position via the drive connection, wherein a control device is provided with which the uncoupling device can be activated to retain said device permanently in the blocked position over a period.

IPC 8 full level

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