

Title (en)

AUTOMATIC TRACTION COUPLING AND METHOD FOR UNCOUPLING AN AUTOMATIC TRACTION COUPLING

Title (de)

AUTOMATISCHE ZUGKUPPLUNG UND VERFAHREN ZUM ENTKUPPELN EINER AUTOMATISCHEN ZUGKUPPLUNG

Title (fr)

ATTELAGE AUTOMATIQUE SIMPLE TRACTION ET PROCÉDÉ DE DÉSATTELAGE D'UN ATTELAGE AUTOMATIQUE SIMPLE TRACTION

Publication

**EP 4330110 A1 20240306 (DE)**

Application

**EP 22726030 A 20220427**

Priority

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- EP 2022061188 W 20220427

Abstract (en)

[origin: WO2022229254A1] The invention relates to an automatic traction coupling, in particular for a freight wagon of a rail vehicle, comprising: a coupling head which comprises a coupling head housing and a coupling fastener having a lock, the coupling fastener being designed as a rotary fastener having a coupling link and a central part, the central part being rotatable about a main axis between a coupled position and an uncoupled position, the coupling link being connected at a first end to the central part so as to be rotatable about a coupling link axis and having a second free end, and the central part having an opening which is arranged for receiving a second end of a coupling link of a diametrically opposed coupling head; and an uncoupling device (11) for rotating the central part (6) from the coupled position into the uncoupled position. The claimed automatic traction coupling is characterised in that the uncoupling device (11) is designed as an electro-hydraulic uncoupling device (31) and is arranged so as to be either fully inside the coupling head housing (2) or fully inside the coupling head housing (2) and a coupling rod (10) which adjoins the coupling head housing (2).

IPC 8 full level

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