

Title (en)
A VEHICLE COUPLER

Title (de)
FAHRZEUGKUPPLUNGSVORRICHTUNG

Title (fr)
SYSTEME D'ATTELAGE DE VEHICULES

Publication
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Application
EP 04775456 A 20040922

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Abstract (en)
[origin: WO2005032906A1] The invention relates to a car coupler of the type that comprises a coupling rod (1), which is laterally swingable by, at a rear end, being connected to a main joint (4), and which at a free, front end includes coupling members (2, 3) for connection with analogous coupling members on other car couplers. A holder mechanism is arranged to secure the coupling rod in a non-swingable neutral position when the car coupler is inactive. According to the invention, a bracket-like carrier (9) is arranged under the coupling rod (1), which carrier is connected to a turnable ring (12) included in a house (10) arranged under the main joint (4), in which house the holder mechanism (not visible) is integrated. Furthermore, the coupler includes drivers (11), which have the purpose of forcing the carrier (9) and the coupling rod (1) to slavishly follow each other during swinging, the coupling rod (1) resting in an axially free-flowing state on the carrier (9) so far that the coupling rod and the carrier are free to move backward and forward in relation to each other.

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