

Title (en)
ELECTRICAL CONTACT COUPLING FOR AUTOMATIC CENTRAL COUPLINGS OR CENTRAL BUFFER COUPLINGS FOR RAIL VEHICLES

Title (de)
ELEKTROKONTAKTKUPPLUNG FÜR AUTOMATISCHE MITTEL- ODER MITTELPUFFERKUPPLUNGEN FÜR SCHIENENFAHRZEUGE

Title (fr)
Coupleur électrique pour attelages automatiques centraux ou à tampon central de véhicule ferroviaire

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EP 1102696 A1 20010530 (DE)

Application
EP 00943663 A 20000531

Priority
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Abstract (en)
[origin: US6474488B1] An electrical contact coupling (3) is provided for automatic center- or central buffer couplings for rail vehicles, more particularly for claw couplings with protective arm, rotatable claw and fall bar of the "AAR" or "Janney" type or with two rigid claws and claw bar of the "Willison" type. The coupling has a contact carrier (8) secured to the coupling head and guided so as to be displaceable longitudinally in the longitudinal direction of the center buffer coupling. An economic and flat-construction solution, indicated for a center- or central buffer coupling of the aforementioned type, for the design and arrangement of an electrical contact coupling (3) and an air line coupling (12) is achieved wherein the longitudinally displaceable contact carrier (8) is arranged underneath and on a supporting unit (1) which for its part is elastically supported on and secured to the coupling head underneath the said coupling head. At least one actuating cylinder (6) is arranged within the supporting unit (1) for the longitudinal displacement of the contact carrier (8). An air coupling (12) with an orifice (11) is arranged on the supporting unit (1) in the coupling plane.

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B61G 5/10

IPC 8 full level
B61G 5/06 (2006.01); **B61G 5/10** (2006.01)

CPC (source: EP KR US)
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Cited by
DE102016104188A1; WO2022207698A1; DE102019132643A1; DE102019132642A1; DE102019132641A1; DE102020117289A1;
WO2021110660A1; DE102022108916A1; WO2023198411A1; DE102022109029A1; WO2023198501A1; DE102022107511A1

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