

Title (en)

DEVICE FOR ACTUATING THE LOCK OF AN AUTOMATIC MIDDLE BUFFER COUPLING

Title (de)

VORRICHTUNG ZUM BETÄTIGEN DES VERSCHLUSSES EINER AUTOMATISCHEN MITTELPUFFERKUPPLUNG

Title (fr)

DISPOSITIF D'ACTIONNEMENT DE LA SERRURE D'UN COUPLAGE TAMPON INTERMÉDIAIRE AUTOMATIQUE

Publication

EP 4077094 B1 20240605 (DE)

Application

EP 20776085 A 20200915

Priority

- DE 102019134906 A 20191218
- EP 2020075708 W 20200915

Abstract (en)

[origin: WO2021121692A1] The invention relates to a device (1) for actuating the lock of an automatic middle buffer coupling of a track-guided vehicle, in particular a rail vehicle, wherein the device (1) has an actuation arm (2), which is articulated on a housing (4) of the middle buffer coupling so as to be pivotable about a first axis of rotation (3), and an actuation shaft (6), which is mounted so as to be rotatable relative to the housing (4) of the middle buffer coupling about a second axis of rotation (5) running parallel to the first axis of rotation (3) and is operatively connected or operatively connectable to the lock of the middle buffer coupling. A lever mechanism is also used, to transmit a torque, which is generated when the actuation arm (2) is actuated, to the actuation shaft (6).

IPC 8 full level

B61G 3/14 (2006.01)

CPC (source: EP)

B61G 3/14 (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102019134906 A1 20210624; CN 114845923 A 20220802; EP 4077094 A1 20221026; EP 4077094 B1 20240605;
WO 2021121692 A1 20210624

DOCDB simple family (application)

DE 102019134906 A 20191218; CN 202080089897 A 20200915; EP 2020075708 W 20200915; EP 20776085 A 20200915