

Title (en)
KING PIN CONSOLE ARRANGEMENT

Title (de)
ACHSSCHENKELBOLZENKONSOLENANORDNUNG

Title (fr)
AGENCEMENT DE CONSOLE DE PIVOT D'ATTELAGE

Publication
EP 3395639 A1 20181031 (EN)

Application
EP 17168041 A 20170425

Priority
EP 17168041 A 20170425

Abstract (en)
A king pin coupling for locking a king pin (3) of a semitrailer (2) to a railway wagon (1) has a slide (8) with an aperture (36) configured to receive the king pin (3). The slide (8) is movable back and forth in a continuous movement. A locking assembly (17, 18, 25) arranged on the slide (8) defines an open state and a closed state. Freely pivotable locking jaws (17a, 17b) of the locking assembly (17, 18, 25) are configured to grip and lock the king pin (3) in the closed state.

IPC 8 full level
B61D 3/18 (2006.01); **B61D 45/00** (2006.01)

CPC (source: EP)
B61D 3/184 (2013.01); **B61D 45/004** (2013.01)

Citation (applicant)
• WO 2010120236 A1 20101021 - TECHNOLOGY AB K [SE], et al
• DE 102009015775 A1 20101007 - CARGOBEAMER AG [DE]

Citation (search report)
• [A] US 3348502 A 19671024 - BURNS SAMUEL P, et al
• [XAI] US 4636119 A 19870113 - TERLECKY BORIS S [US]
• [X] US 3181480 A 19650504 - SHERRIE ROBERT M, et al
• [XY] US 2936983 A 19600517 - JOHN MARKESTEIN, et al
• [XY] US 3183854 A 19650518 - CANDLIN JR JAMES E, et al
• [I] GB 919795 A 19630227 - GEN AM TRANSPORT
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EP4119415A1; RU2741147C1; CN111252100A; LU500421B1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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EP 17168041 A 20170425