

Title (en)
Couplers

Title (de)
Kupplungen

Title (fr)
Attelages

Publication
EP 1055580 A3 20010516 (EN)

Application
EP 00304481 A 20000525

Priority
GB 9912340 A 19990527

Abstract (en)
[origin: EP1055580A2] An automatic coupler for a vehicle is described. An automatic coupler portion (23) is moveable about a substantially vertical axis (27) between a use position and a stored position in which a draw hook (24) is exposed for use. An arm (30) is moveable about a substantially vertical axis (32) relative to the automatic coupler between a first position in which the arm (30) retains the automatic coupler portion (23) in the use position and a second position in which the arm (30) retains the automatic coupler portion (23) in the stored position. Automatic coupler portion (23) comprises an abutment surface (40) which operatively acts on an end surface (60) of the arm (30) distant from the first end to prevent rotation of the automatic coupler portion (23) when the arm (30) is in its first position. A finger (35) at the end of the arm (30) distant from the first end co-operates with a recess in a side of the automatic coupler portion (23) to prevent rotation of the automatic coupler portion (23) when the arm (30) is in its second position. <IMAGE>

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B61G 5/04; **B61G 7/08**

IPC 8 full level
B61G 5/04 (2006.01); **B61G 7/08** (2006.01)

CPC (source: EP)
B61G 5/04 (2013.01); **B61G 7/08** (2013.01)

Citation (search report)
• [XPY] GB 2336822 A 19991103 - WILLIAM COOK CAST PRODUCTS LIM [GB]
• [Y] DE 19620068 C1 19970522 - BERGISCHE STAHLINDUSTRIE [DE]
• [XDA] GB 839227 A 19600629 - NAT MALLEABLE & STEEL CASTINGS
• [A] US 4109930 A 19780829 - PILHALL STIG TORE LENNART
• [A] GB 882812 A 19611122 - OTTO HILGER, et al

Cited by
EP1619101A1; WO2022217296A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1055580 A2 20001129; **EP 1055580 A3 20010516**; **EP 1055580 B1 20051228**; AT E314239 T1 20060115; DE 60025070 D1 20060202; GB 2350340 A 20001129; GB 2350340 B 20030326; GB 9912340 D0 19990728

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