

Title (en)
Self-loading vehicle with loading arm

Title (de)
Selbstladender Wagen mit Ladearm

Title (fr)
Véhicule autochargeur avec bras pour charger

Publication
EP 0798162 A3 19971217 (EN)

Application
EP 97830136 A 19970324

Priority
IT BO960177 A 19960329

Abstract (en)
[origin: EP0798162A2] A self-loading vehicle with loading arm, comprising a lower chassis (4), a dump body (7) for collecting materials and at least one arm (3) for supporting a tool (2), in which, between the latter two devices, is interposed a connection mechanism (1) able to provide the tool (2) with the capability to rotate with respect to the arm (3). The self-loading vehicle (20) also comprises a swinging door (8) of reduced height, hinged to the front end of the dump body (7) to increase the operator visibility, as well as a quick coupling-uncoupling device (6), able to simplify tool (2) replacement operations, and to enhance the flexibility of employment of the invention. <IMAGE>

IPC 1-7
B60P 1/50; E02F 3/64; E02F 3/348

IPC 8 full level
E02F 3/34 (2006.01); **E02F 3/348** (2006.01); **E02F 3/36** (2006.01); **E02F 7/04** (2006.01)

CPC (source: EP)
E02F 3/34 (2013.01); **E02F 3/3486** (2013.01); **E02F 3/3631** (2013.01); **E02F 3/3668** (2013.01); **E02F 3/3672** (2013.01); **E02F 7/04** (2013.01)

Citation (search report)
• [XY] GB 964215 A 19640722 - KASPAR KLAUS
• [Y] EP 0353454 A1 19900207 - VTN BENNE SRL [IT]
• [Y] US 4047486 A 19770913 - PABSDORFF MELVIN
• [A] DE 2636255 A1 19780216 - WEYHAUSEN & CO MASCHINENFABRIK
• [A] FR 2553802 A1 19850426 - CHARRIN HENRI [FR]
• [A] GB 852925 A 19601102 - SOYLAND INGEBRET
• [A] FR 2676765 A1 19921127 - KOEHL JEAN MARIE [FR]

Cited by
EP1357232A3; CN104494493A; CN107469920A; CN104590085A; WO2015021487A3

Designated contracting state (EPC)
AT BE CH DE ES FR GB LI NL PT

DOCDB simple family (publication)
EP 0798162 A2 19971001; EP 0798162 A3 19971217; EP 0798162 B1 20011121; AT E209124 T1 20011215; DE 69708361 D1 20020103;
DE 69708361 T2 20021107; ES 2168597 T3 20020616; IT 1285650 B1 19980618; IT BO960177 A0 19960329; IT BO960177 A1 19970929;
PT 798162 E 20020531

DOCDB simple family (application)
EP 97830136 A 19970324; AT 97830136 T 19970324; DE 69708361 T 19970324; ES 97830136 T 19970324; IT BO960177 A 19960329;
PT 97830136 T 19970324