Title (en)

Motor vehicle with a support assembly on the bow side of a base vehicle

Title (de)

Kraftfahrzeug mit einer an einem Basisfahrzeug bugseitig angeordneten Stützanlage

Title (fr)

Véhicule doté d'une installation de protection installée du côté avant sur un véhicule de base

Publication

EP 2213803 A3 20130724 (DE)

Application

EP 09016032 A 20091224

Priority

DE 102009006564 A 20090129

Abstract (en)

[origin: EP2213803A2] The motor vehicle (1) has a supporting system (4) comprising a supporting shield (6) and piston-cylinder-unit (8). A rotary bearing (12) is arranged at a basic vehicle (2) e.g. wheel- or chain vehicle, or at a connecting rod (13) so that the bearing is found in a position adjacent to the basic vehicle, in a transport position of the shield, and the bearing is found in another position that is distant from the basic vehicle, in a supporting position of the shield. The cylinder-unit acts to support the motor vehicle by application of a device structural unit (3), in the latter position. The device structural unit is designed as a laying device and recovery device. The piston-cylinder-unit is designed as a hydraulic cylinder.

IPC 8 full level

B66C 23/78 (2006.01); B66C 23/80 (2006.01); B66F 11/04 (2006.01); E01D 15/127 (2006.01); E02F 3/815 (2006.01); E02F 9/08 (2006.01)

CPC (source: EP)

B66C 23/80 (2013.01); E01D 15/127 (2013.01); E02F 3/815 (2013.01); E02F 9/085 (2013.01); F41H 7/02 (2013.01)

Citation (search report)

- [Y] EP 1918461 A1 20080507 - RHEINMETALL LANDSYSTEME GMBH [DE]
- [Y] JP H07259120 A 19951009 - YUTANI JUKO KK

Cited by

CN113064653A

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2213803 A2 20100804; EP 2213803 A3 20130724; EP 2213803 B1 20150225; DE 102009006564 A1 20100819; DE 102009006564 B4 20101111; DE 102009006564 C5 20140821; ES 2536364 T3 20150522

DOCDB simple family (application)

EP 09016032 A 20091224; DE 102009006564 A 20090129; ES 09016032 T 20091224