

Title (en)
SUPPLY AND RESETTING HYDRAULIC UNIT FOR A LIFTING ASSEMBLY WITH TWO SEPARATE SIMULTANEOUSLY ACTUATED POWERED BEARINGS

Title (de)
HYDRAULISCHE ZUFUHR- UND RÜCKSETZEINHEIT FÜR EINE HEBEANORDNUNG MIT ZWEI SEPARATEN SIMULTAN BETÄTIGTEN ELEKTROLAGERN

Title (fr)
BLOC HYDRAULIQUE D'ALIMENTATION ET DE RECALAGE POUR UN ENSEMBLE DE LEVAGE A DEUX SUPPORTS MOTORISES INDEPENDANTS ACTIONNES SIMULTANEMENT

Publication
EP 2454489 B1 20130605 (FR)

Application
EP 10737952 A 20100713

Priority
• FR 2010000507 W 20100713
• FR 0903522 A 20090717

Abstract (en)
[origin: WO2011007059A1] The invention relates to a hydraulic unit (1) mounted on a vehicle with an adjustable platform, supported by two mechanically separate arms actuated by a separate hydraulic lifting device (5, 6). The hydraulic unit has the supply and return fluid for the two hydraulic lifting devices flowing therethrough, and preferably includes: a balance valve (21) controlling the lowering of the platforms; a flow divider (22) enabling a division of the supply fluid into two flows having an identical flow rate, each supplying one of the hydraulic lifting devices; and a resetting solenoid valve (23) that, when the operator controls the resetting of the hydraulic lifting devices, regardless of the operation direction and position thereof, isolates one of the hydraulic devices (6) in order to immobilize the same while the other (5) carries on moving.

IPC 8 full level
F15B 11/22 (2006.01)

CPC (source: EP US)
F15B 11/22 (2013.01 - EP US); **F15B 2211/31558** (2013.01 - EP US); **F15B 2211/4053** (2013.01 - EP US); **F15B 2211/50545** (2013.01 - EP US); **F15B 2211/782** (2013.01 - EP US)

Cited by
CN104760528A

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011007059 A1 20110120; CN 102483076 A 20120530; CN 102483076 B 20150107; EP 2454489 A1 20120523; EP 2454489 B1 20130605; ES 2424957 T3 20131010; FR 2948078 A1 20110121; FR 2948078 B1 20110715; IN 1243DEN2012 A 20150515; RU 2012100514 A 20130720; RU 2495283 C2 20131010; US 2012141223 A1 20120607; US 8628282 B2 20140114

DOCDB simple family (application)
FR 2010000507 W 20100713; CN 201080032479 A 20100713; EP 10737952 A 20100713; ES 10737952 T 20100713; FR 0903522 A 20090717; IN 1243DEN2012 A 20120210; RU 2012100514 A 20100713; US 201013383940 A 20100713