

Title (en)
Aerial lift vehicle

Title (de)
Arbeitsbühne-Fahrzeug

Title (fr)
Véhicule élévateur aérien

Publication
EP 2404862 B1 20141022 (EN)

Application
EP 11171955 A 20110629

Priority
JP 2010153077 A 20100705

Abstract (en)
[origin: EP2404862A1] An aerial lift vehicle is formed by a travelling body; a derrickably attached boom 30; a derricking cylinder for raising and lowering the boom 30; an arm 40, which is vertically swivel ably attached to the distal end of the boom 30; an arm swivelling cylinder, which swivels the arm 40 in the vertical direction relative to the boom 30; a platform 50, which is vertically swivel ably attached to the distal end of the arm 40; a platform swivelling cylinder, which swivels the platform 50 in the vertical direction relative to the arm 40; and levelling control means for carrying out control for maintaining the platform 50 in a horizontal state by preferentially actuating one of the arm swivelling cylinder and the platform swivelling cylinder over the other one of the arm swivelling cylinder and the platform swivelling cylinder in accordance with a derricking operation of the boom 30.

IPC 8 full level
B66F 11/04 (2006.01)

CPC (source: EP)
B66F 11/046 (2013.01)

Cited by
CN112346017A; EP2865842A1; RU2677567C2; IT201800006692A1; US9803423B2; EP2684836A1

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

DOCDB simple family (publication)
EP 2404862 A1 20120111; EP 2404862 B1 20141022; CN 102311075 A 20120111; CN 102311075 B 20150408; JP 2012012212 A 20120119; JP 5596442 B2 20140924

DOCDB simple family (application)
EP 11171955 A 20110629; CN 201110186172 A 20110705; JP 2010153077 A 20100705