

Title (en)
Lifting vehicle

Title (de)
Hubfahrzeug

Title (fr)
Véhicule de levage

Publication
EP 2520536 B1 20140625 (EN)

Application
EP 12166815 A 20120504

Priority
IT TO20110399 A 20110506

Abstract (en)
[origin: EP2520536A1] Lifting vehicle, comprising: - a self-propelled chassis (12) having one front axle (14) and one rear axle (16), - a telescopic boom (18) articulated to the chassis (12) and provided with an attachment (22) for mounting equipment (60), - at least one cylinder for lifting/lowering (24) disposed between the telescopic boom (18) and the chassis (12), - a hydraulic control circuit (30) including a hydraulic distributor (36) connected to said cylinder for lifting/lowering (24), and - an electronic control unit (50) that receives information from a load sensor (52), from a length sensor (56), from an angle sensor (54) and information on the type of equipment (60) applied to the boom (18), the electronic control unit (50) being programmed to act on a relief valve (46) so as to limit the maximum lowering speed of the boom (18) depending on the type of equipment (60) of the load (P) applied to the boom (18), the length (L) and the angle (\pm) of the boom (18).

IPC 8 full level
B66F 9/065 (2006.01); **B66F 17/00** (2006.01)

CPC (source: EP)
B66F 9/0655 (2013.01); **B66F 17/00** (2013.01); **B66F 17/003** (2013.01)

Cited by
WO2021170929A1; FR3000481A1; GB2516632A; GB2516632B; FR3107521A1; US10386819B2; DE102021128580A1; US9630822B2; EP3736245A1; CN113795454A; US11286141B2; WO2020229291A1; WO2014106700A1; EP4242160A1; DE102022105449A1; EP3059202A1; US9718660B2; DE102021121163A1; WO2023016771A1; EP3736245B1; EP3546416B1

Designated contracting state (EPC)
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