

Title (en)

A LIFTING VEHICLE WITH A TELESCOPIC LIFTING ARM PROVIDED WITH A SHOCK ABSORBER SYSTEM

Title (de)

HUBFAHRZEUG MIT EINEM TELESKOPISCHEN HUBARM MIT EINEM STOSSDÄMPFERSYSTEM

Title (fr)

VÉHICULE DE LEVAGE COMPRENANT UN BRAS DE LEVAGE TÉLESCOPIQUE ET DOTÉ D'UN SYSTÈME ABSORBEUR DE CHOCS

Publication

EP 3153456 B1 20190619 (EN)

Application

EP 16192068 A 20161003

Priority

IT UB20154253 A 20151009

Abstract (en)

[origin: EP3153456A1] A lifting vehicle comprising: - a self-propelled chassis (12), - a telescopic arm (18) provided at a distal end with a implement-mounting attachment (22) and including a base section (30) articulated to the chassis (12) and at least one telescopic section (32), - at least one lifting cylinder (28) arranged between the telescopic arm (18) and the chassis (12), - at least one extension cylinder (34) arranged to control the movement of said at least one telescopic section (32) between a retracted position and a plurality of extracted positions, - a hydraulic circuit (36) including a hydraulic distributor (40) connected to said extension cylinder (34) via a first and a second hydraulic line (42, 44) connected, respectively, to a first and to a second chamber (46, 48) of the extension cylinder (34), wherein a pressure-controlled block valve (52) is arranged on said first hydraulic line (42), wherein the hydraulic circuit (36) comprises a shock absorber system (54) including at least one gas accumulator (56) connected to a portion of said first hydraulic line (42) comprised between said first chamber (46) of the extension cylinder (34) and said block valve (52).

IPC 8 full level

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CPC (source: EP)

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Cited by

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