

Title (en)

A LIFTING VEHICLE CONFIGURED FOR ATTACHING HIGH-POWER HYDRAULIC IMPLEMENTS

Title (de)

ZUR ANBRINGUNG VON HYDRAULISCHEN HOCHLEISTUNGSANBAUGERÄTEN KONFIGURIERTES HUBFAHRZEUG

Title (fr)

VÉHICULE DE LEVAGE CONÇU POUR FIXER DES OUTILS HYDRAULIQUES HAUTE PUISSANCE

Publication

EP 3260410 A1 20171227 (EN)

Application

EP 17175450 A 20170612

Priority

IT UA20164446 A 20160616

Abstract (en)

A lifting vehicle comprising: - a frame (12) carrying a pair of front wheels (14) and a pair of rear wheels (16), - a lifting arm (18) articulated to the frame (12), having a distal end equipped with an attachment for an implement (24) comprising a high-power hydraulic actuator (40), - a thermal engine-hydraulic pump assembly (30, 32), wherein the hydraulic pump (32) sends hydraulic fluid into a hydraulic power line (34), - a traction hydraulic motor (38) connected through a gearbox (42) to a mechanical transmission (44) that drives the wheels of the vehicle, - a hydraulic diverter (36) that selectively connects the hydraulic power line (34) to said traction hydraulic motor (38) or to said hydraulic actuator of the implement (40), wherein said hydraulic diverter (36) is controlled by an electronic control unit (46) that sets said hydraulic diverter (36) to an implement use mode when an operating mode selector (48) is in the implement use mode and a travel-direction selector (50) is in neutral mode.

IPC 8 full level

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CPC (source: EP)

B66F 9/0655 (2013.01); **B66F 9/22** (2013.01)

Citation (search report)

- [Y] US 5247787 A 19930928 - SNELL LLOYD D [US]
- [Y] US 6182788 B1 20010206 - SENIOR NEIL JAMES [AU]
- [Y] EP 0122807 A1 19841024 - CLARK EQUIPMENT CO [US]
- [A] GB 1297216 A 19721122

Designated contracting state (EPC)

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