

Title (en)
INTEGRAL HYDRAULIC SYSTEM

Title (de)
INTEGRIERTES HYDRAULISCHES SYSTEM

Title (fr)
SYSTÈME HYDRAULIQUE INTÉGRÉ

Publication
EP 3231765 A1 20171018 (EN)

Application
EP 16199011 A 20161116

Priority
• CN 201610239511 A 20160415
• US 201615163315 A 20160524

Abstract (en)
An integral hydraulic system (22), which includes a valve board (24), a lift cylinder (18) and a reservoir (23) connected into one integral valve body (21), wherein the integral valve body (21) is further connected to an electric motor (3) and a hydraulic gear pump (19), so as to form a complete power unit that includes all the valves utilized in the different functions that control a hydraulic fluid circuit in lifting and lowering of a plunger rod (1) of the lift cylinder (18).

IPC 8 full level
B66F 9/22 (2006.01)

CPC (source: EP)
B66F 9/22 (2013.01)

Citation (search report)
• [X] US 2014124299 A1 20140508 - ROYER MATTHEW C [US]
• [A] IL 55148 A 19810227 - KOOR METAL LTD [IL]

Cited by
US11401145B2

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

Designated extension state (EPC)
BA ME

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