Title (en)

HYDRAULIC SYSTEM FOR ENERGY REGENERATION AND INDUSTRIAL TRUCK WITH SAID HYDRAULIC SYSTEM

Title (de)

HYDRAULIKSYSTEM FÜR ENERGIERÜCKGEWINNUNG UND FLURFÖRDERZEUG MIT DIESEM HYDRAULIKSYSTEM

Title (fr)

SYSTÈME HYDRAULIQUE DE RÉGÉNÉRATION D'ÉNERGIE ET VÉHICULE INDUSTRIEL AVEC CE SYSTÈME HYDRAULIQUE

Publication

**EP 3178778 A1 20170614 (EN)**

Application

**EP 15199182 A 20151210**

Priority

EP 15199182 A 20151210

Abstract (en)

- A hydraulic system (101) for an industrial truck is presented. The hydraulic system (101) comprises: a reservoir (107) having an inlet (107b) and an outlet (1 07a); a hydraulic apparatus (102) having a first port (1 05a), connected to the outlet (107a), and a second port (105b) connected to a consumer (112). The inlet (107b) is connected to the first port (105a) via a first valve (110) and to the consumer (112) via a second valve (114). Each of the first and second valves (110, 114) is switchable between a first state allowing fluid flow towards the reservoir (107) and a second state blocking fluid flow towards the reservoir (107). A fluid flow from the consumer (112) to the reservoir (107) is controllable so as to pass through at least one of the first and second valves (110, 114). - A method of energy regeneration in a hydraulic system is also presented.

IPC 8 full level

**B66F 9/22** (2006.01)

CPC (source: EP)

**B66F 9/22** (2013.01)

Citation (applicant)

EP 1193211 B1 20070124 - STILL WAGNER GMBH & CO KG [DE]

Citation (search report)

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- [A] CN 103924626 A 20140716 - UNIV HUAQIAO
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US9975426B2

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

DOCDB simple family (publication)

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