

Title (en)
Hydraulic system for fork lift truck

Title (de)
Hydrauliksystem für Flurförderfahrzeuge

Title (fr)
Système hydraulique pour véhicules de manutention

Publication
EP 1593858 A2 20051109 (DE)

Application
EP 05008201 A 20050414

Priority
DE 202004007062 U 20040504

Abstract (en)
A hydraulic system (10) has a filter plant for the cleaning of the hydraulic oil (12) flow by filtration of particles, and a removing device for a defined part of a flow of the hydraulic oil. The removing device has filter element(s) for filtration of the partial flow of hydraulic oil. Independent claims are also included for the following: (A) a system comprising a reach stacker, and the above hydraulic system coupled to the reach stacker; and (B) filtering hydraulic oil in a hydraulic system of a reach stacker, comprising pressurizing hydraulic oil from the hydraulic system and providing the pressurized oil to an oil line; removing a defined flow portion of the pressurized hydraulic oil from the oil line; filtering the defined flow portion separately from remaining oil in the oil line via a filter; and supplying the filtered defined flow portion back to the hydraulic system at a lower pressure level.

Abstract (de)
Die Erfindung betrifft ein Hydrauliksystem (10) für Flurförderfahrzeuge mit einer Filteranlage zum Reinigen des Hydraulikölstroms durch Abfiltern von Partikeln, mit einer Einrichtung (18) zur Entnahme eines definierten Teilstroms des Hydrauliköls und mit mindestens einem Filterelement (20) zum Filtern des Hydraulikölteilstromes. <IMAGE>

IPC 1-7
F15B 21/04

IPC 8 full level
F15B 21/041 (2019.01)

CPC (source: EP US)
F15B 21/041 (2013.01 - EP US)

Citation (applicant)
• DE 4011913 A1 19911017 - BEYER RUDI DIPL ING [DE]
• DE 4203062 C1 19930701
• DE 19515962 A1 19961002 - ARGO GMBH FUER FLUIDTECHNIK [DE]
• US 4027595 A 19770607 - FRANK EARL E, et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
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