

Title (en)
Hydraulic system for fork lift truck

Title (de)
Hydrauliksystem für Flurförderfahrzeuge

Title (fr)
Système hydraulique pour véhicules de manutention

Publication
EP 1593858 B1 20100721 (DE)

Application
EP 05008201 A 20050414

Priority
DE 202004007062 U 20040504

Abstract (en)
[origin: EP1593858A2] 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.

IPC 8 full level
F15B 21/041 (2019.01)

CPC (source: EP US)
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