

Title (en)
HYDRAULIC UNIT

Title (de)
HYDRAULIKANLAGE

Title (fr)
INSTALLATION HYDRAULIQUE

Publication
EP 1943179 A1 20080716 (DE)

Application
EP 06762989 A 20060805

Priority
• EP 2006007768 W 20060805
• DE 102005052108 A 20051102

Abstract (en)
[origin: US2009120084A1] Hydraulic unit, in particular for lifting and lowering loads in stacking trucks having at least one working cylinder (10), the piston/rod unit (12) of which is guided movably in a housing (22) and, by means of a hydraulic pump (25), can be extended in its one drive direction (30) and can be retracted in its other opposite drive direction (32), and having a control device (20) for actuating the displacement movements to that effect. It is distinguished by the fact that there is a storage device (38) which is fed energy in one drive direction (32), and by the fact that the energy which is fed in can be called up from the storage device (38) in order to assist a displacement movement in an opposite drive direction (30).

IPC 8 full level
B66F 9/22 (2006.01)

CPC (source: EP US)
B66F 9/22 (2013.01 - EP US); **E02F 9/2217** (2013.01 - EP US); **F15B 1/024** (2013.01 - EP US); **F15B 2211/20561** (2013.01 - EP US); **F15B 2211/212** (2013.01 - EP US); **F15B 2211/625** (2013.01 - EP US); **F15B 2211/88** (2013.01 - EP US)

Citation (search report)
See references of WO 2007051502A1

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US 2009120084 A1 20090514; **US 7891181 B2 20110222**; AT E550290 T1 20120415; DE 102005052108 A1 20070503; EP 1943179 A1 20080716; EP 1943179 B1 20120321; JP 2009515100 A 20090409; WO 2007051502 A1 20070510

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