

Title (en)
Hydraulic lifting device

Title (de)
Hydraulische Hubvorrichtung

Title (fr)
Dispositif de levage hydraulique

Publication
EP 1193211 B1 20070124 (DE)

Application
EP 01122968 A 20010925

Priority
DE 10048215 A 20000928

Abstract (en)
[origin: EP1193211A2] The lifting device includes hydraulic lift cylinders (7) connected by a pressurized medium line to a hydraulic assembly. A branch line (15) branches off from the pressurized medium line (6) to a container (5). A lowering valve (16) for controlling the lowering movement in the fine control range is mounted in the branch line. the lowering valve can be a proportional valve. The electric motor can be an asynchronous motor or direct current motor.

IPC 8 full level
B66F 9/22 (2006.01); **F15B 11/044** (2006.01); **F15B 21/14** (2006.01)

CPC (source: EP)
B66F 9/22 (2013.01); **F15B 11/044** (2013.01); **F15B 21/14** (2013.01); **F15B 2211/20538** (2013.01); **F15B 2211/40515** (2013.01); **F15B 2211/40569** (2013.01); **F15B 2211/41509** (2013.01); **F15B 2211/41527** (2013.01); **F15B 2211/455** (2013.01); **F15B 2211/46** (2013.01); **F15B 2211/7052** (2013.01); **F15B 2211/7114** (2013.01); **F15B 2211/75** (2013.01)

Cited by
EP3178778A1; DE102019111295A1; EP1369377A3; AT506448B1; EP2778113A1; CN104045028A; US9360023B2; US9975426B2; US9751740B2; EP1308415A3; EP3348514A1; CN108622805A; US10604391B2; AU2018202033B2; WO2021004657A1; US10844880B2; US11118607B2

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