

Title (en)
Lifting device

Title (de)
Hubvorrichtung

Title (fr)
Dispositif de levage

Publication
EP 1188709 A3 20050413 (DE)

Application
EP 01121831 A 20010911

Priority
• DE 10045998 A 20000918
• DE 10049829 A 20001009

Abstract (en)
[origin: EP1188709A2] A valve (22) for lifting a load on the lift cylinder (20) is mounted in a pressurised medium line (21) guided from the hydraulic assembly (5a) to the lift cylinder. A branch pipe (23) branching off from the pressurised medium line between the lifting valve and the lift cylinder contains a valve (24) for lowering the load on the cylinder. In the branch pipe downstream of the lowering valve there is a switch-over valve (25) which in dependence on the consumer pressure on the cylinder moves into a switching position connecting the branch pipe to the tank (8) or into a switching position connecting the branch pipe to the hydraulic assembly.

IPC 1-7
B66F 9/22

IPC 8 full level
B66F 9/22 (2006.01)

CPC (source: EP)
B66F 9/22 (2013.01)

Citation (search report)
• [PX] EP 1052215 A2 20001115 - DAMBACH LAGERSYSTEME GMBH [DE]
• [DA] DE 4416173 A1 19951109 - JUNGHEINRICH AG [DE]
• [DA] EP 0630853 A1 19941228 - JUNGHEINRICH AG [DE]

Cited by
EP2660184A4; CN102808783A; DE102014108370A1; DE102014108370B4; US9422949B2; DE102011056068B4; DE102011056069B4

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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EP 1188709 A2 20020320; EP 1188709 A3 20050413; EP 1188709 B1 20061102; DE 50111349 D1 20061214

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EP 01121831 A 20010911; DE 50111349 T 20010911