

Title (en)
Lifting cylinder unit for a loading platform

Title (de)
Liftzylindereinheit für eine Hebebühne

Title (fr)
Unité de vérin pour un hayon élévateur

Publication
EP 1099858 B1 20061011 (DE)

Application
EP 00124050 A 20001104

Priority
DE 19954577 A 19991112

Abstract (en)
[origin: EP1099858A2] The lift cylinder unit (1) for a raisable platform has a static bar tube (2) with a longitudinal axis (9) connected in one axial end area with a bar head (4). Outside the bar tube is a cylinder tube (14) so arranged, that it is movable along the longitudinal axis relatively to the bar tube. In one of the axial end areas of the cylinder tube is a cylinder base (15), firmly connected with the cylinder tube. A guide bush (18) with a force engagement surface (30) is firmly connected with the outer surface (22) of the cylinder tube and inside the bar tube is a pressure chamber (31), which via a connecting bore (7) is fed with hydraulic medium. Via a dynamic seal (24) and a running surface (25) it is sealed in relation to the atmosphere.

IPC 8 full level
F15B 15/14 (2006.01); **F15B 15/20** (2006.01)

CPC (source: EP US)
F15B 15/1433 (2013.01 - EP US); **F15B 15/1457** (2013.01 - EP US); **F15B 15/149** (2013.01 - EP US); **F15B 15/204** (2013.01 - EP US)

Cited by
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EP 1099858 A2 20010516; **EP 1099858 A3 20030917**; **EP 1099858 B1 20061011**; AT E342448 T1 20061115; DE 19954577 C1 20010621; US 6378412 B1 20020430

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