

Title (en)

A lifting unit for the forks of lift trucks.

Title (de)

Hebeeinheit für die Gabeln von Hubwagen.

Title (fr)

Unité de levage pour les fourches de chariots élévateurs.

Publication

EP 0622331 A1 19941102 (EN)

Application

EP 94200679 A 19940316

Priority

IT MI930528 A 19930319

Abstract (en)

In a unit for lifting the forks of lift trucks using one or more single-acting hydraulic cylinders (19) to lift or lower the forks, in two opposite end-of-travel strokes of the piston (31) of the hydraulic cylinder (19), interception means (37, 34) determine a reduction in the cross-section of the working fluid outflow respectively from a first chamber (44) and from a second chamber (45) of variable volumes inside the hydraulic cylinder (19); this brakes the travel of the piston (31) and thus of the actuating rod (33), which is integral with the latter, preventing abrupt stresses being applied to the load on the forks. <IMAGE>

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B66F 9/08; **F15B 15/22**

IPC 8 full level

B66F 9/08 (2006.01); **F15B 15/22** (2006.01)

CPC (source: EP)

B66F 9/08 (2013.01); **F15B 15/222** (2013.01)

Citation (search report)

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