

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 B1 19980930 (EN)

Application

EP 94200679 A 19940316

Priority

IT MI930528 A 19930319

Abstract (en)

[origin: EP0622331A1] 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

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CPC (source: EP)

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Cited by

EP0931758A1; EP0866026A3; DE10214864C5; DE10214864B4; US6557456B2; US6283008B1; WO9849451A1

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