Title (en)

SHOCK-PROOF HYDRAULIC CYLINDER

Title (de)

HYDRAULISCHER ZYLINDER MIT STOSSSICHERUNG

Title (fr)

CYLINDRE HYDRAULIQUE RESISTANT AUX CHOCS

Publication

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Application

EP 98922767 A 19980423

Priority

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- EP 9802408 W 19980423

Abstract (en)

[origin: WO9849451A1] The invention relates to a shock-proof hydraulic cylinder comprising a casing (1) inside which a piston is axially driven on a piston rod (10), and possibly a buffer piston in the form of a hollow cylinder (11). Owing to various embodiments, a damping effect can be obtained in an extreme position either on one or both sides. The piston rod (10), the pistons (4) and the buffer pistons (11) can have the form of hollow cylinders.

IPC 1-7

F15B 15/22

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 9849451A1

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