

Title (en)
LIFTING DEVICE

Publication
EP 0062810 A3 19830622 (DE)

Application
EP 82102547 A 19820326

Priority
DE 3115206 A 19810415

Abstract (en)
[origin: ES8303239A1] A hoist comprises a housing carrying a fixed and slidable sheave set which are engaged by a rope. A piston and cylinder combination are connected to the slidable sheave set for moving it and thus moving a load connected to the rope. The piston has a threaded rod connected to the displaceable sheave set which carries a threaded nut. The axial movement of the nut is restrained by a sleeve which permits rotation of the nut with axial movement of the rod. If the axial movement of the rod accelerates above a selected limit, for example when the load is abruptly removed from the rope, the nut moves against a friction surface in the sleeve to brake the rotation thereof and thus brake the axial movement of the rod.

IPC 1-7
B66D 3/18

IPC 8 full level
B66D 3/18 (2006.01)

CPC (source: EP US)
B66D 3/18 (2013.01 - EP US)

Citation (search report)
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Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
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