

Title (en)
Lifting equipment

Title (de)
Hubeinrichtung

Title (fr)
Installation de levage

Publication
EP 0796813 B1 20030502 (DE)

Application
EP 97250085 A 19970319

Priority
DE 19612990 A 19960322

Abstract (en)
[origin: EP0796813A2] The mechanism has a structure travelling in the horizontal direction and lifting tackle (12) engaging with the load and coupled to parallel hydraulic rams with synchronised piston rods (10) protruding into the space below. Only two rams are used to support the lifting tackle, their vertical cylinders (8) being rigidly fixed to the structure (7). Their dimensions, and those of the piston rods, are sufficient to absorb lateral loads caused by travel movements, wind pressure and/or an eccentrically-attached load, minimising elastic distortion so that there is no hindrance to sliding movement of the piston rods. The ends of the latter can be attached to the lifting tackle via elongated holes parallel to the rods.

IPC 1-7
B66C 19/00; **B66C 13/06**

IPC 8 full level
B66C 13/06 (2006.01); **B66C 19/00** (2006.01)

CPC (source: EP US)
B66C 13/06 (2013.01 - EP US); **B66C 19/002** (2013.01 - EP US)

Cited by
DE102008061198A1; DE102008061197A1; CN103407885A; CN115504378A; DE102008061197B4; CN103663162A; CN103879898A; US8646630B2; WO2010066602A1; US8651793B2; JP2012511486A

Designated contracting state (EPC)
AT BE CH DE ES FR GB IE IT LI NL PT SE

DOCDB simple family (publication)
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