

Title (en)
Counterweighted lifting system

Title (de)
Konterzug

Title (fr)
Appareil de levage avec contrepoids

Publication
EP 1120147 A3 20040102 (DE)

Application
EP 01101825 A 20010126

Priority

- DE 10003369 A 20000126
- DE 10007742 A 20000221

Abstract (en)
[origin: EP1120147A2] The counter line (1,1 asterisk) has at least two bearer cables (2,2',2'') supporting a load, which run over a collecting roller (4) and are fixed to a counter weight (6). The counter weight position can be adjusted, to raise or lower the load, using a chain (10), which is guided over a drive unit (12) to the counter weight. A drive (16,16 asterisk ,18,18 asterisk) has its drive torque transferred to the cable positively or non-positively over the drive unit. An Independent claim is included for an arrangement of counter lines.

IPC 1-7
A63J 1/02

IPC 8 full level
A63J 1/02 (2006.01)

CPC (source: EP)
A63J 1/028 (2013.01)

Citation (search report)

- [XA] US 3165296 A 19650112 - DREW RICHARD A
- [X] US 1340066 A 19200511 - WILLIAM LEMLE
- [XA] DE 552725 C 19320617 - ADOLF LINNEBACH
- [A] DE 496799 C 19300430 - FRITSCH & SOHN MASCHINEN FABRI

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1120147 A2 20010801; EP 1120147 A3 20040102

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