

Title (en)  
Hoist.

Title (de)  
Hebezeug.

Title (fr)  
Appareil de levage.

Publication  
**EP 0301657 A1 19890201 (EN)**

Application  
**EP 88201570 A 19880720**

Priority  
BE 8700849 A 19870730

Abstract (en)  
Hoist, characterized in that it mainly consists of a combination of a driving pulley (1), consisting of two parallel pulley halves (2, 3); elastic means (4) axially pressing together the pulley halves (2, 3); and a cable groove (5) formed by the two pulley halves (2, 3) having parallel flank parts (12, 13), at least in the area where the cable (11) is gripped; and small cable guiding wheels (6) working together with the cable groove (5), more specifically along its entire angle of contact.

IPC 1-7  
**B66D 1/74**

IPC 8 full level  
**B66D 1/22** (2006.01); **B66D 1/74** (2006.01)

CPC (source: EP KR)  
**B66D 1/7415** (2013.01 - EP); **B66D 3/18** (2013.01 - KR)

Citation (search report)

- [X] BE 833841 A 19760116
- [YD] EP 0189219 A1 19860730 - SKY CLIMBER EUROP [BE]
- [Y] FR 2557866 A1 19850712 - TRACTEL SA [FR]
- [X] US 3332597 A 19670725 - LEON MISSIOUX JEAN
- [A] FR 549510 A 19230212
- [A] DE 2522033 A1 19761125 - GREIFZUG HEBEZEUGBAU GMBH
- [A] BE 836134 R 19760401
- [A] BE 860619 A 19780509 - WESTERN GEAR EUROP

Cited by  
EP2275379A1; WO2011006817A1; EP0745554A1; US6019354A

Designated contracting state (EPC)  
AT CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0301657 A1 19890201**; AU 2021688 A 19890202; AU 597506 B2 19900531; BE 1000710 A4 19890314; CN 1031063 A 19890215; DK 425188 A 19890131; DK 425188 D0 19880729; FI 883493 A0 19880725; FI 883493 A 19890131; JP H01117198 A 19890510; KR 890001863 A 19890406; NO 883364 D0 19880729; NO 883364 L 19890131; NZ 225557 A 19900626; PT 88146 A 19890630; PT 88146 B 19910320; ZA 885576 B 19890329

DOCDB simple family (application)  
**EP 88201570 A 19880720**; AU 2021688 A 19880729; BE 8700849 A 19870730; CN 88104696 A 19880730; DK 425188 A 19880729; FI 883493 A 19880725; JP 18952988 A 19880728; KR 880009811 A 19880730; NO 883364 A 19880729; NZ 22555788 A 19880726; PT 8814688 A 19880729; ZA 885576 A 19880729