

Title (en)
Lifting device

Title (de)
Hubeinrichtung

Title (fr)
Dispositif de levage

Publication
EP 1221427 A3 20030102 (DE)

Application
EP 02000143 A 20020107

Priority
DE 10100536 A 20010108

Abstract (en)
[origin: EP1221427A2] Lifting device (1) comprises at least two scissor arms (2, 3) arranged at an angle to each other. At least one of the scissor arms is connected to a drive device (18) introducing a drive force (A) into the scissor arm(s) parallel to the lifting direction (H). Preferred Features: The scissor arms are formed from several crosses (4, 5) arranged in vertical and/or horizontal rows. The drive force of the drive device is introduced at least into one cross (4) of one scissor arm (3).

IPC 1-7
B66F 3/22

IPC 8 full level
B66F 3/22 (2006.01)

CPC (source: EP)
B66F 3/22 (2013.01)

Citation (search report)

- [X] DE 679356 C 19390803 - ERICH GRASSMANN
- [X] FR 2645193 A1 19901005 - SARAZIN MAURICE [FR]
- [X] DE 51537 C
- [X] US 2625443 A 19530113 - ANDREW SENSENBAUGH
- [X] US 4718519 A 19880112 - BARKER SIDNEY L [US]
- [A] GB 726658 A 19550323 - JOHANN WILHELM LUDOWICI
- [A] BE 343682 A
- [A] US 2445004 A 19480713 - REYNOLDS FRANK M, et al

Cited by
CN104464832A; AT523138A1; AT523138B1; EP1661843A1; CN104476564A

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 1221427 A2 20020710; EP 1221427 A3 20030102; DE 10100536 A1 20020711

DOCDB simple family (application)
EP 02000143 A 20020107; DE 10100536 A 20010108