

Title (en)

Multistage telescopic cylinder for moving loads

Title (de)

Mehrstufiger teleskopischer Zylinder zum Bewegen von Lasten

Title (fr)

Vérin télescopique à plusieurs étages pour déplacer des charges

Publication

EP 1652811 A1 20060503 (EN)

Application

EP 04425802 A 20041027

Priority

EP 04425802 A 20041027

Abstract (en)

A device with telescopic elements for moving loads of the type in which the telescopic elements (6, 7) are driven by an operating fluid. The device comprises at least two opposite telescopic fluid dynamic cylinders (2), whose telescopic elements (6, 7) are mobile between a home position, in which they are fully retracted inside a jacket (23), and an operating position, in which they are fully extended.

IPC 8 full level

B66F 3/28 (2006.01); **F15B 15/16** (2006.01)

CPC (source: EP)

F15B 15/1404 (2013.01); **F15B 15/16** (2013.01)

Citation (search report)

- [X] WO 9220927 A1 19921126 - ASAHI SEIKO CO LTD [JP]
- [XA] AT 243038 B 19651025 - HESS NORBERT
- [X] FR 2160378 A1 19730629 - POCLAIN SA
- [A] FR 2623571 A1 19890526 - CHAPEL ANDRE [FR]

Cited by

CN109026901A; CN101898736A; CN101898734A; CN103527550A; CN104632776A

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