

Title (en)  
TELESCOPIC MULTISTAGE LIFTER

Title (de)  
MEHRSTUFIGE TELESKOPHEBEVORRICHTUNG

Title (fr)  
CHASSIS DE LEVAGE TELESCOPIQUE MULTI-ETAGES

Publication  
**EP 1492723 A1 20050105 (EN)**

Application  
**EP 03737954 A 20030402**

Priority  
• EP 0303454 W 20030402  
• IT VI20020061 A 20020403

Abstract (en)  
[origin: WO03082727A1] A telescopic multistage lifter (1) is disclosed comprising a fixed tubular element (2) closed at one end by a flange (3) and a number of mobile tubular elements (4, 6, 8), each closed at one end by a respective flange (5, 7, 9) and arranged coaxial one inside the other and within the fixed tubular element (2). Screw like means (10, 11, 12) are connected to each one of the flanges (5, 7, 9) of the mobile tubular elements (4, 6, 8) belonging to a corresponding kinematic chain (C1, C2, C3) coupled to a motorized unit (13), which are suitable for telescopically and simultaneously extracting each mobile tubular element (4, 6, 8) from the matching tubular element which contains it.

IPC 1-7  
**B66F 3/10**; **B66F 7/14**

IPC 8 full level  
**B66F 3/10** (2006.01); **B66F 7/14** (2006.01); **B66F 11/04** (2006.01)

CPC (source: EP)  
**B66F 3/10** (2013.01); **B66F 7/14** (2013.01); **B66F 11/04** (2013.01)

Citation (search report)  
See references of WO 03082727A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 03082727 A1 20031009**; AU 2003245874 A1 20031013; EP 1492723 A1 20050105; IT VI20020061 A1 20031003

DOCDB simple family (application)  
**EP 0303454 W 20030402**; AU 2003245874 A 20030402; EP 03737954 A 20030402; IT VI20020061 A 20020403