

Title (en)  
LIFTING ASSEMBLY

Title (de)  
HEBEANORDNUNG

Title (fr)  
ENSEMBLE ELEVATEUR

Publication  
**EP 1773707 A1 20070418 (FR)**

Application  
**EP 05794886 A 20050728**

Priority  
• FR 2005050628 W 20050728  
• FR 0451737 A 20040730

Abstract (en)  
[origin: WO2006021715A1] The invention relates to a lifting assembly (10, 20, 30, 40, 50, 60, 70, 80, 90) comprising: a rack mast, a platform (12, 23, 33, 43, 53, 91), and at least one power unit (100, 300, 400, 500, 600, 800, 900, 901) which is mounted to the mast and which controls the vertical movement of the platform along the length thereof. The invention is characterised in that the power unit comprises a plurality of modular elements including at least one motor block (101, 200, 201, 301, 401, 501, 604, 621, 801, 904), at least one upper roller box (102, 205, 210, 305, 404, 503, 627, 903) and at least one lower roller box (103, 206, 304, 405, 502, 601, 629, 902). According to the invention, each of the modular elements is equipped with mechanical fastening means (610, 611, 612) which are aligned with the mechanical fastening means of an adjacent modular element.

IPC 8 full level  
**B66F 11/04** (2006.01); **B66B 9/187** (2006.01); **E04G 1/20** (2006.01)

CPC (source: EP US)  
**B66B 9/187** (2013.01 - EP US); **B66F 11/04** (2013.01 - EP US); **E04G 1/20** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006021715A1

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

DOCDB simple family (publication)  
**FR 2873672 A1 20060203**; **FR 2873672 B1 20080201**; CA 2575394 A1 20060302; CA 2575394 C 20090505; CN 100551813 C 20091021; CN 101001803 A 20070718; DE 602005003480 D1 20080103; DE 602005003480 T2 20080925; EP 1773707 A1 20070418; EP 1773707 B1 20071121; ES 2297760 T3 20080501; RU 2007107592 A 20080920; RU 2380313 C2 20100127; US 2008011548 A1 20080117; US 7942244 B2 20110517; WO 2006021715 A1 20060302

DOCDB simple family (application)  
**FR 0451737 A 20040730**; CA 2575394 A 20050728; CN 200580025262 A 20050728; DE 602005003480 T 20050728; EP 05794886 A 20050728; ES 05794886 T 20050728; FR 2005050628 W 20050728; RU 2007107592 A 20050728; US 65896605 A 20050728