

Title (en)
VACUUM HOISTING DEVICE

Title (de)
VAKUUMHEBER

Title (fr)
DISPOSITIF DE LEVAGE PAR ASPIRATION

Publication
EP 1986946 A4 20120502 (EN)

Application
EP 07709356 A 20070216

Priority
• SE 2007000141 W 20070216
• SE 0600364 A 20060217

Abstract (en)
[origin: WO2007094720A1] The invention relates to a vacuum hoisting device with a vertical hoisting tube (2) suspended at its upper end and connected to a vacuum source (4), and which at a lower end is provided with a suction foot (14) and a tubular positioning handle (15) for manoeuvring of the suction foot, and a manually operated valve device (26), which is kept closed for hoisting of the suction foot and is kept open for lowering of the suction foot by admission of air to the hoisting tube. For operating the valve device (26) this is connected with a grip sleeve (16) slidably journaled on the positioning handle, which is directed obliquely downwards, and the connection of the valve device (26) to the grip sleeve (16) is designed such, that the valve device closes when the grip sleeve is slid upwards and opens when the grip sleeve is slid downwards for synchronizing the movement of the suction foot upwards and downwards with the movement of the grip sleeve.

IPC 8 full level
B66C 1/02 (2006.01); **B66F 3/35** (2006.01)

CPC (source: EP SE)
B66C 1/02 (2013.01 - SE); **B66C 1/0256** (2013.01 - EP); **B66F 3/35** (2013.01 - SE)

Citation (search report)
No further relevant documents disclosed

Cited by
EP2223881A1

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)
WO 2007094720 A1 20070823; EP 1986946 A1 20081105; EP 1986946 A4 20120502; SE 0600364 L 20070818; SE 529625 C2 20071009

DOCDB simple family (application)
SE 2007000141 W 20070216; EP 07709356 A 20070216; SE 0600364 A 20060217