

Title (en)

Vacuum hoisting device and method for operating a vacuum hoisting device

Title (de)

Vakuum-Hebevorrichtung und Verfahren zum Betreiben einer Vakuum-Hebevorrichtung

Title (fr)

Dispositif de levage à vide et procédé de fonctionnement d'un dispositif de levage à vide

Publication

**EP 2223881 B1 20110831 (DE)**

Application

**EP 09002731 A 20090226**

Priority

EP 09002731 A 20090226

Abstract (en)

[origin: EP2223881A1] The lifter (10) has a length-adjustable suction tube (11) defining a suction line between a suction unit (12) e.g. individual suction table, and a vacuum connection (17). A valve device adjusts vacuum in the suction tube and interferes a free flow cross-section of the suction line in a pipe section. The suction line extends between the vacuum connection and a mouth opening (19). The valve device is brought into a locking position for discontinuing the pipe section independent of contact of the suction unit with transport goods surface (14). An independent claim is also included for a method for operating a vacuum lifter.

IPC 8 full level

**B66C 1/02** (2006.01)

CPC (source: EP)

**B66C 1/0256** (2013.01)

Cited by

EP3904269A1; WO2023094686A1; DE102021131288A1; DE102021131288B4

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