

Title (en)
Vacuum holding device

Title (de)
Vakuum- Haltevorrichtung

Title (fr)
Dispositif de retenue sous vide

Publication
EP 2460757 B1 20130327 (DE)

Application
EP 10015215 A 20101202

Priority
EP 10015215 A 20101202

Abstract (en)
[origin: EP2460757A1] The device (1) has an electrical control device (24) controlling an operation of an electrically actuated vacuum generator device (14). Warning units (35, 37, 38, 42, 43, 44, 45) have a vacuum detector (36) attached at a gripper-side suction line section (12b) of a suction line (12). The vacuum detector is coupled with the electrical control device such that a warning signal i.e. electric signal, is generated when the electrical control device is switched off and vacuum lying above vacuum threshold value is present in the gripper-side suction line section.

IPC 8 full level
B66C 1/02 (2006.01)

CPC (source: EP)
B66C 1/0256 (2013.01)

Cited by
CN110434886A; EP3251996A1; US10518985B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2460757 A1 20120606; EP 2460757 B1 20130327

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