

Title (en)

Device for creating a vacuum and method for operating the same

Title (de)

Vakuumerzeugervorrichtung und Verfahren zum Betreiben derselben

Title (fr)

Dispositif de production sous vide et son procédé de fonctionnement

Publication

EP 2080913 B1 20170222 (DE)

Application

EP 09000461 A 20090115

Priority

DE 102008005241 A 20080119

Abstract (en)

[origin: EP2080913A1] The method involves connecting an inlet of an ejector device (27) of a vacuum generating device (1) with an air supply channel (32) consisting of an electrically actuatable control valve (36). A suction channel (35) is attached at a suction opening (34) of the ejector device. The suction channel is connected with a suction gripper and subjected to air by a blow-off valve (37) for ventilating the suction gripper. The valves are controlled by a common external control signal, where the control valve is opened when the signal begins and the blow-off valve is opened when the signal ends. An independent claim is also included for a vacuum generating device comprising a pressure detecting device.

IPC 8 full level

F04F 5/52 (2006.01)

CPC (source: EP)

F04F 5/52 (2013.01)

Cited by

KR20180030106A; CN102431787A; CN105276247A; CN106881724A; CN104093992A; CN104114877A; CN104114878A; CN104024651A; KR20140102669A; US2022213980A1; US11639758B2; EP3192756A1; US10059533B2; US9987757B2; WO2013068115A1; WO2013079171A1; WO2013068114A1; WO2013120801A1; WO2013120802A1; US9707686B2; EP2815131B1

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