

Title (en)

DEVICE FOR CONTROLLING THE FUNCTION OF A VACUUM LIFTING DEVICE, AND VACUUM LIFTING DEVICE HAVING SUCH A CONTROL DEVICE

Title (de)

VORRICHTUNG ZUR STEUERUNG DER FUNKTION EINER VAKUUM-HEBEVORRICHTUNG SOWIE VAKUUM-HEBEVORRICHTUNG MIT EINER DERARTIGEN STEUERVORRICHTUNG

Title (fr)

DISPOSITIF POUR COMMANDER LA FONCTION D'UN DISPOSITIF DE LEVAGE SOUS VIDE ET DISPOSITIF DE LEVAGE SOUS VIDE COMPRENANT UN TEL DISPOSITIF DE COMMANDE

Publication

**EP 3924286 B1 20230816 (DE)**

Application

**EP 20704502 A 20200206**

Priority

- DE 102019103251 A 20190211
- EP 2020053015 W 20200206

Abstract (en)

[origin: WO2020165022A1] The invention relates to a device (1) for controlling the function of a vacuum lifting device, the device (1) having an in particular neck-shaped distributor block (2) with a first port (3) and a second port (4), a first flow duct (6) being formed in the distributor block (2) via which duct the first port (3) can be fluidically-connected to the second port (4) as required with the aid of a first valve means (12), a second flow duct (7) being formed in the distributor block (2) via which duct the first port (3) can be fluidically-connected to the external atmosphere (50) as required with the aid of a second valve means (13), and a third flow duct (8) being formed in the distributor block (2) via which duct the second port (4) can be fluidically-connected to the external atmosphere (50) as required with the aid of a third valve means (14).

IPC 8 full level

**B66C 1/02** (2006.01)

CPC (source: EP US)

**B66C 1/0256** (2013.01 - EP US); **B66C 1/0293** (2013.01 - US)

Citation (examination)

EP 3539916 A1 20190918 - SCHMALZ J GMBH [DE]

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)

**DE 102019103251 A1 20200813; DE 102019103251 B4 20220525**; CN 113631495 A 20211109; CN 113631495 B 20231128; EP 3924286 A1 20211222; EP 3924286 B1 20230816; US 2022098007 A1 20220331; WO 2020165022 A1 20200820

DOCDB simple family (application)

**DE 102019103251 A 20190211**; CN 202080012594 A 20200206; EP 2020053015 W 20200206; EP 20704502 A 20200206; US 202017429897 A 20200206