

Title (en)

Workpiece holder with touch valve for a vacuum holding device

Title (de)

Werkstück-Halter mit Tastventil für eine Vakuumhaltevorrichtung

Title (fr)

Support de pièce à usiner doté d'un bouton d'aération pour un dispositif de maintien du vide

Publication

EP 2022605 A3 20091014 (DE)

Application

EP 08012893 A 20080717

Priority

DE 102007037338 A 20070808

Abstract (en)

[origin: EP2022605A2] The holder (11) has a suction head (13), and a touch valve with an actuator protruding from an intake area (16) of the suction head, where the intake area is provided to intake a workpiece. The actuator actuates the touch valve, which produces a vacuum at the intake area, opens a fluid connection to a vacuum connection of the holder. The suction head is an integral part of a suction head holder (12) for holding the suction head, where the suction head is detachably fastened to the head holder and is removable from the head holder, and the suction head has an opening for the actuator.

IPC 8 full level

B25B 11/00 (2006.01)

CPC (source: EP)

B25B 11/00 (2013.01); **B25B 11/007** (2013.01)

Citation (search report)

- [XA] DE 19847314 A1 19990715 - SMC KK [JP]
- [X] US 3923177 A 19751202 - HORTON EARL A
- [A] EP 1088624 A2 20010404 - BOEING CO [US]
- [A] EP 0461064 A1 19911211 - AIRBUS GMBH [DE]
- [DA] DE 8306985 U1 19830728
- [A] EP 1728594 A2 20061206 - JOBS SPA [IT]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 08012893 A 20080717; DE 102007037338 A 20070808