

Title (en)

SURFACE CLEANING AND ENGRAVING MACHINE USING VACUUM BLASTING

Title (de)

OBERFLÄCHENREINIGUNGS- UND GRAVIERMASCHINE MITTELS VAKUUMSTRAHLVERFAHREN

Title (fr)

MACHINE DE NETTOYAGE DE SURFACES ET À GRAVER À L'AIDE D'UN PROCÉDÉ DE SABLAGE SOUS VIDE

Publication

**EP 3873699 A1 20210908 (DE)**

Application

**EP 19827596 A 20191104**

Priority

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- DE 2019100947 W 20191104

Abstract (en)

[origin: US2020139510A1] Essential constructive elements of the currently known machines and devices, which work by means of vacuum blasting, are improved in the surface cleaning and engraving machine that operates via a vacuum jet process in order to enable more effective cleaning of different surfaces, further applications and simplification of the handling of the machine or device. With the modifications and additions made, the application options of the machine or device are increased, the potential of clogging the suction hose is reduced to a minimum, the service life of the machine is extended and the efficiency and operating options of the blasting hood are improved. For this purpose, technical and design details of an already known machine are supplemented and improved; there are, for instance, a metering device (3), additions to the blasting hood (6) and measures to extend the service life of the machine by using rock impact films (31).

IPC 8 full level

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CPC (source: EP US)

**B08B 3/024** (2013.01 - US); **B24C 1/04** (2013.01 - EP US); **B24C 3/062** (2013.01 - EP); **B24C 3/065** (2013.01 - EP US); **B24C 3/067** (2013.01 - US); **B24C 3/32** (2013.01 - US); **B24C 5/04** (2013.01 - US); **B24C 7/0053** (2013.01 - EP US); **B24C 7/0069** (2013.01 - EP US); **B24C 7/0092** (2013.01 - US); **B24C 9/006** (2013.01 - EP US)

Citation (search report)

See references of WO 2020088717A1

Designated contracting state (EPC)

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