

Title (en)

DEVICE FOR SANDBLASTING USES EXHAUST GAS FROM A JET ENGINE FOR BLASTING

Title (de)

VORRICHTUNG ZUR AUSTRAGUNG VON ABGAS AUS EINEM DÜSEN MOTOR DURCH SANDSTRAHLEN

Title (fr)

APPAREIL DE CHAUFFAGE ET DE NETTOYAGE POUR TRAITEMENT DE SURFACES

Publication

**EP 2605961 A4 20141001 (EN)**

Application

**EP 11783103 A 20110518**

Priority

- DK PA201000441 A 20100520
- DK 2011000047 W 20110518

Abstract (en)

[origin: WO2011144210A2] Heating and cleaning apparatus for the cleaning and heat-treatment of surfaces, items, joints, cracks and similar by the use of a hot blast jet produced by the exhaust jet of a jet engine where aggregate injectors have been added in the engine housing for the admixture of a cleaning medium such as sand, granulate material or fluid. An apparatus for heating and cleaning in accordance with Figure A displays a lightweight jet engine under an engine housing (2), with an aggregate injector that can dose a cleaning medium admitted into the hot exhaust jet which is discharged through an exhaust nozzle (1) pointed at the item to be treated. The engine is electronically controlled by a device (4) and advanced on a lightweight frame (5) that can be fitted with a ballast weight (9) and spacer wheels (10), or the device can be mounted on an advancing arrangement (8). The jet engine is powered by liquid fuel supplied from a tank (6). Intake air is cleaned and sound-damped in a filter unit (3), and the combustion takes place at high pressure and is discharged in a high-velocity exhaust jet to which admixture of media fed from a tank (7) can be made.

IPC 8 full level

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CPC (source: EP US)

**B08B 3/024** (2013.01 - EP US); **B08B 5/02** (2013.01 - EP US); **B24C 5/02** (2013.01 - EP US); **F23D 14/34** (2013.01 - US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2011144210A2

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