Title (en)

DEVICE FOR PRODUCING A HIGH-PRESSURE JET

Title (de)

VORRICHTUNG ZUM ERZEUGEN EINES HOCHDRUCKSTRAHLS

Title (fr)

DISPOSITIF DE PRODUCTION D'UN JET À HAUTE PRESSION

Publication

EP 2012970 B1 20110112 (DE)

Application

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Priority

- EP 2007053995 W 20070424
- DE 202006006572 U 20060425

Abstract (en)

[origin: WO2007122236A1] The invention relates to a device (1) which produces a liquid or liquid-based high-pressure jet. Said device comprises a powered rotor (2) with at least one pressure line (3, 3', 3'') featuring a radial extension in reference to the rotation axis, including an outlet (5, 5', 5''). In addition, the rotor (2) comprises a supply line (13) which is central to its rotational axis (6). The supply line (13) is rotationally decoupled from the rotor (2) and protrudes with its outlet opening (15) into an entrance chamber (7) of the rotor. At least one pressure line (3, 3', 3'') of rotor 2 with its inlet lead into the entrance chamber (7). At least one outlet (5, 5', 5'') rotates in reference to the rotational movement of the rotor (2) in a constant or almost constant distance to the surface to be cleaned.

IPC 8 full level

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CPC (source: EP)

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