

Title (en)

Cooling and flushing device for stone-working tools

Title (de)

Kühl- und Spülvorrichtung für Werkzeuge zur Bearbeitung von Gestein

Title (fr)

Dispositif de refroidissement et de rincage d'outils pour l'usinage de pierre

Publication

EP 1193026 B1 20060614 (DE)

Application

EP 01810815 A 20010822

Priority

DE 10043418 A 20000904

Abstract (en)

[origin: US2002027023A1] A cooling and flushing arrangement (1) for a tool (10), has a coolant and flushing agent (2) in a closed storage tank (3), which is connected to a suction pump (4) and has a closed flushing circulation system (6) running from the storage tank (3) through a filter (8), connected via a pressure pump (7) and through a collecting member (11) associated with the tool (10), with a suction line (12) running back to the storage tank (3). A reservoir circulation system (13) for the coolant and flushing agent (2), contains a reservoir (14) connected to the storage tank (3) via a float valve (15) situated in the storage tank (3), and is connected at another location in the flushing circulation system (6) to the reservoir (14) via a valve (16).

IPC 8 full level

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CPC (source: EP US)

B28D 1/025 (2013.01 - EP US); **B28D 1/041** (2013.01 - EP US); **B28D 7/02** (2013.01 - EP US); **E21B 21/10** (2013.01 - EP US)

Cited by

CN113019281A; EP1386706A1; US7341659B2; GB2386851A; GB2386851B; CN102133719A; CN107127639A; EP3632638A1; WO2020069891A1

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