

Title (en)

Protective shield and coolant distributor for a grinding machine

Title (de)

Schutzschild und Kühlflüssigkeitzuteiler für eine Schleifmaschine

Title (fr)

Bouclier et distributeur de réfrigérant pour une rectifieuse

Publication

EP 0791432 A1 19970827 (EN)

Application

EP 97500014 A 19970122

Priority

ES 9600393 A 19960220

Abstract (en)

The visor-shaped protective shield (3) tips around a shaft (10) to keep a limit distance (4) separation from the perimeter (1b) of the wheel (1) as it wears. Tipping (8) takes place automatically with independent means impelled by a rod (9). The coolant distributor (5) is movable, and incorporates a number of nozzles (15) which permanently target the machining area. The coolant distributor (5) is displaced without the cooperation of drive components of its own, and comprises a mobile casing (5c) supporting the nozzles (15) and housing a displacement rod (11), a roller (16) attached to the shield (3) which moves along an inclined runner slot (17) forming part of the side wall of the mobile support casing (5c), to transmit the shield (3) movement to the coolant distributor (5). <IMAGE>

IPC 1-7

B24B 55/04

IPC 8 full level

B24B 55/04 (2006.01)

CPC (source: EP)

B24B 55/045 (2013.01)

Citation (applicant)

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Citation (search report)

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EP1470895A3; DE102010026777A1; EP2404704A3; US7014528B2

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