

Title (en)

DISC-SHAPED ROTATING TOOL FOR SHAPING CYLINDRICAL GRINDING WORMS FOR GRINDING GEARS

Publication

EP 0328482 B1 19930714 (DE)

Application

EP 89810049 A 19890120

Priority

CH 52988 A 19880212

Abstract (en)

[origin: EP0328482A2] The tool consists of two discs (46, 47) and has two hard-grain-coated surfaces (48, 49) for shaping the opposite flanks (3, 4) of the grinding worm (1). The hard-grain-coated part (50, 52) provided for shaping the base and head sections (5, 6) directly adjoining the one flank (3) machined by the one disc (47) is in each case arranged on what is respectively the other disc (46). Consequently, the surfaces (48, 49) can be lapped. A grinding worm (1) can be shaped by the tool in one pass. Consequently, the shaping can be easily automated. <IMAGE>

IPC 1-7

B24B 53/075

IPC 8 full level

B24B 53/085 (2006.01); **B24B 53/075** (2006.01)

CPC (source: EP US)

B24B 53/075 (2013.01 - EP US)

Citation (examination)

GAGGIA "TECNOLOGIA MECCANICA", 1976, ZANICHELLI EDITORE, BOLOGNA, Seiten 357

Cited by

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