

Title (en)
CUTTING DRUM FOR TUNNELING MACHINES

Publication
EP 0105047 B1 19860723 (DE)

Application
EP 83890140 A 19830831

Priority
AT 331182 A 19820903

Abstract (en)
[origin: ES8406625A1] The cutting head (1) has passages (14, 16 22) extending through the cutting head in axial direction thereof and being connected with the axial water supply bore (8) by radial bores (9). Radial bores leading to the outlet nozzles open into the passages (14, 16 22) extending through the cutting head in axial direction thereof. The passages (14, 16 22) extending through the cutting head in axial direction thereof can be closed at at least one side by means of detachable closure members (15), so that these passages (14, 16 22) extending through the cutting head in axial direction thereof can, after having removed the closure members, be cleaned by means of a cleaning-rod.

IPC 1-7
E21D 9/10; E21C 35/22

IPC 8 full level
E21C 35/20 (2006.01); **E21C 27/24** (2006.01); **E21C 35/23** (2006.01); **E21D 9/10** (2006.01); **E21F 5/00** (2006.01)

CPC (source: EP US)
E21C 35/23 (2013.01 - EP US); **E21D 9/1026** (2013.01 - EP US)

Cited by
DE3544111A1; EP0163068A1; EP0161465A1; GB2239033A; EP0122252B1

Designated contracting state (EPC)
BE CH DE FR GB LI SE

DOCDB simple family (publication)
EP 0105047 A1 19840404; EP 0105047 B1 19860723; AT 375152 B 19840710; AT A331182 A 19831115; AU 1760283 A 19840308; AU 562403 B2 19870611; CA 1200823 A 19860218; DE 3364720 D1 19860828; ES 525332 A0 19840801; ES 8406625 A1 19840801; HU 187117 B 19851128; IN 158702 B 19870110; JP S5980898 A 19840510; MA 19890 A1 19840401; NZ 205260 A 19860314; PL 141543 B1 19870831; PL 243562 A1 19840424; RO 88129 A 19851130; RO 88129 B 19851031; SU 1402267 A3 19880607; US 4568127 A 19860204; YU 179383 A 19880229; ZA 835852 B 19840425

DOCDB simple family (application)
EP 83890140 A 19830831; AT 331182 A 19820903; AU 1760283 A 19830804; CA 434228 A 19830809; DE 3364720 T 19830831; ES 525332 A 19830902; HU 279683 A 19830808; IN 971CA1983 A 19830803; JP 16058983 A 19830902; MA 20113 A 19830902; NZ 20526083 A 19830815; PL 24356283 A 19830830; RO 11197783 A 19830901; SU 3633949 A 19830819; US 52627883 A 19830825; YU 179383 A 19830901; ZA 835852 A 19830809