

Title (en)
Rotational cutting tool

Title (de)
Drehschneidewerkzeug

Title (fr)
Outil de découpe rotatif

Publication
EP 1992463 A2 20081119 (EN)

Application
EP 08008615 A 20080507

Priority
JP 2007132389 A 20070518

Abstract (en)
A rotational cutting tool 10 includes a plurality of unit cutting tools 11A to 11C including rotational bodies 12A to 12C each in a cylindrical shape and formed with attachment grooves 25 twisted relative to an axial direction and extending between opposite ends at plural locations in a circumferential direction on an outer peripheral surface of the rotational body, and flat plate-like replaceable blades 31 slidably mounted to the attachment grooves 25, the unit cutting tools 11A to 11C coaxially overlapped to one another in such a manner that the attachment grooves 25 of the unit cutting tools adjacent to each other are not overlapped to each other in the direction along which the attachment grooves 25 are extending. Between opposite ends in an axial direction on an outer peripheral surface of at least one of a pair of the unit cutting tools adjacent to each other, replacement grooves 51 that are capable of receiving the replaceable blades 31 are formed as extensions from the attachment grooves 25 of the other unit cutting tool.

IPC 8 full level
B27G 13/00 (2006.01); **B27G 13/04** (2006.01)

CPC (source: EP)
B27G 13/005 (2013.01); **B27G 13/04** (2013.01)

Citation (applicant)
JP 2515196 B2 19960710

Cited by
ITPS20100006A1; CN105058527A; EP3354388A1; EP3354387A1; US8974155B2; US9802334B2; US9925603B2; WO2022248930A1

Designated contracting state (EPC)
CZ DE IT PL

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1992463 A2 20081119; EP 1992463 A3 20091021; CN 101306541 A 20081119; JP 2008284791 A 20081127

DOCDB simple family (application)
EP 08008615 A 20080507; CN 200810097182 A 20080519; JP 2007132389 A 20070518