

Title (en)
Flat thread rolling die

Title (de)
Stangenartiges Verzahnungswerkzeug

Title (fr)
Matrice plate de filetage par roulage

Publication
EP 1529579 B1 20070523 (DE)

Application
EP 04024449 A 20041014

Priority
DE 20317081 U 20031106

Abstract (en)
[origin: EP1529579A1] Rod-shaped tooth-cutting tool (10) has provision for fitting it onto the slide of a machine tool. It has a rectangular cross-section together with teeth (12,14) on opposite sides. On its other opposite sides, it has devices for fitting it into the machine tool, which comprises two opposingly directed locating surfaces for positioning on parallel spaced bearing surfaces of a clamping device. The clamping device has components with which the locating surfaces are pressed against the bearing surfaces. The tool on opposing sides has two parallel spaced strips (20,22) which extend over its entire length and have facing clamping surfaces.

IPC 8 full level
B21H 3/06 (2006.01); **B21H 5/02** (2006.01)

CPC (source: EP)
B21H 5/027 (2013.01)

Cited by
CN101927307A; DE102021102040B3; WO2018189028A2; DE202017102146U1; WO2022161713A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1529579 A1 20050511; EP 1529579 B1 20070523; AT E362811 T1 20070615; DE 20317081 U1 20040219; DE 502004003867 D1 20070705

DOCDB simple family (application)
EP 04024449 A 20041014; AT 04024449 T 20041014; DE 20317081 U 20031106; DE 502004003867 T 20041014