

Title (en)
Thread rolling head

Title (de)
Gewinderollkopf

Title (fr)
Tête à rouler les filets

Publication
EP 1231001 B1 20040407 (DE)

Application
EP 02000430 A 20020108

Priority
DE 20102471 U 20010213

Abstract (en)
[origin: EP1231001A1] The rolling head has a bearing unit in which the thread rolls can rotate on eccentric shafts. the main shaft can move axially relative to the beating unit. There is a spiral spring in a casing between the shaft and the bearing unit. At least the bearing unit (7) and the spring casing (4) are made of titanium or a titanium alloy.

IPC 1-7
B21H 3/04

IPC 8 full level
B21H 3/04 (2006.01)

CPC (source: EP US)
B21H 3/044 (2013.01 - EP US)

Cited by
EP1555072A3; EP2886223A1; CN106132582A; US9968986B2; WO2015091136A1

Designated contracting state (EPC)
CH DE ES FR GB IT LI

DOCDB simple family (publication)
DE 20102471 U1 20010426; DE 50200325 D1 20040513; EP 1231001 A1 20020814; EP 1231001 B1 20040407; ES 2215938 T3 20041016; US 2002108418 A1 20020815; US 6684674 B2 20040203

DOCDB simple family (application)
DE 20102471 U 20010213; DE 50200325 T 20020108; EP 02000430 A 20020108; ES 02000430 T 20020108; US 6619102 A 20020131