

Title (en)  
Tangential thread rolling head

Title (de)  
Tangentialgewinderollkopf

Title (fr)  
Tête de roulage des filets tangentiels

Publication  
**EP 1561525 A3 20051109 (DE)**

Application  
**EP 04028894 A 20041207**

Priority  
DE 102004006125 A 20040207

Abstract (en)  
[origin: US2005172689A1] A tangential thread-rolling head comprising two fork-shaped rolling head arms in which thread-rolling dies are rotatably supported by means of parallel axles wherein the thread-rolling dies are in a lateral engagement with a pinion seated on the axles of a gearing coupling both thread-rolling dies and the thread-rolling dies and pinions have lateral jaws such that the jaws of the thread-rolling dies can be pushed into the jaws of the pinions laterally before the axles are mounted wherein the axles have disposed thereon an axially slidable bushing which is adapted to firmly be positioned axially against the pinion with the aid of locating means, wherein each bushing circumferentially has a fine pitch threaded portion which interengages with a female-threaded portion in a seating bore for the pinion and bushing and locking means are provided in the rolling head arms to lock the bushing in an occupied rotational position.

IPC 1-7  
**B21H 3/04**

IPC 8 full level  
**B21H 3/04** (2006.01)

CPC (source: EP US)  
**B21H 3/048** (2013.01 - EP US)

Citation (search report)

- [DA] EP 0811443 A1 19971210 - FETTE WILHELM GMBH [DE]
- [A] FR 1191454 A 19591020 - ESCOFIER & CIE
- [A] DE 8126319 U1 19830519
- [A] DATABASE WPI Section PQ Week 197907, Derwent World Patents Index; Class P52, AN 1979-B4565B, XP002345105
- [A] DATABASE WPI Section PQ Week 197632, Derwent World Patents Index; Class P52, AN 1976-H1098X, XP002345106

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

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