

Title (en)

Axial thread rolling head and method for forming an external thread on a workpiece with an axial thread rolling head

Title (de)

Axialgewinderollkopf und Verfahren zum Formen eines Außengewindes an einem Werkstück mit einem Axialgewinderollkopf

Title (fr)

Tête axiale à rouler les filets et procédé de formation d'un filetage extérieur sur une pièce à l'aide d'une tête axiale à rouler les filets

Publication

EP 2792429 B1 20161214 (DE)

Application

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Priority

EP 13002074 A 20130419

Abstract (en)

[origin: US2014311202A1] The invention relates to an axial thread rolling head, comprising a head part, in which at least three thread rolls are rotatably mounted, wherein the thread rolls amongst themselves border an insertion section for a workpiece and wherein the thread rolls each have a profile for forming an outer thread on the workpiece, wherein the thread rolls are held non-adjustably in the radial direction in the head part, wherein the profile of the thread rolls is respectively designed asymmetrically such that the thread rolls with their asymmetrical profile form a symmetrical external thread on the workpiece. The invention also relates to a corresponding method.

IPC 8 full level

B21H 3/04 (2006.01)

CPC (source: EP US)

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Cited by

CN106312096A; CN113967708A; WO2024104888A1

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