

Title (en)
RING ROLLING DEVICE HAVING AXIALLY FIXED ROLLING-ELEMENT BEARINGS

Title (de)
RINGWALZVORRICHTUNG MIT AXIAL FESTSTEHENDEN WÄLZLAGERN

Title (fr)
DISPOSITIF À CYLINDRES ANNULAIRES COMPORTANT DES PALIERS À ROULEMENT AXIALEMENT FIXES

Publication
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Application
EP 16717329 A 20160413

Priority
• CH 5342015 A 20150417
• EP 2016058075 W 20160413

Abstract (en)
[origin: WO2016166133A1] The invention relates to a ring rolling device for expanding a ring blank (9) comprises a pressing element, a rotatably supported mandrel (2), and an advancing assembly (3), in which a first end part of the mandrel (2) is rotatably supported in a first rolling-element bearing (310) and a second end part of the mandrel is rotatably supported in a second rolling-element bearing (320). The ring blank (9) can be supported around the mandrel (2). By means of the advancing assembly (3), the mandrel (2) can be moved toward the pressing element and away from the pressing element again, wherein a decreasing rolling gap is formed between the mandrel (2) and the pressing element, in which rolling gap the ring blank (9) is rolled. The two rolling-element bearings (310, 320) are arranged in the advancing assembly (3) in an axially fixed manner, and the mandrel (2) is supported in such a way that the mandrel can be moved axially in relation to the two rolling-element bearings (310, 320).

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B21H 1/06 (2006.01); **B21H 1/12** (2006.01)

CPC (source: EP KR US)
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Citation (search report)
See references of WO 2016166133A1

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