

Title (en)
RING ROLLING DEVICE

Title (de)
RINGWALZVORRICHTUNG

Title (fr)
DISPOSITIF POUR LE LAMINAGE DE BAGUES

Publication
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Application
EP 14706598 A 20140225

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Abstract (en)
[origin: WO2015127964A1] The invention relates to a ring rolling device for enlarging a ring blank (9), comprising a drive roller (1) and a rotatable revolving drum (3), in which five mandrels (2) are rotatably mounted. Ring blanks (9) can be mounted around the mandrels (2). By rotating the revolving drum (3), the mandrels (2) move towards and away from the drive roller (1). The revolving drum (3) is arranged in relation to the drive roller (1), in such a way that, by rotating the revolving drum (3) a decreasing roll gap is formed between a mandrel (2) approaching the drive roller (1) and the drive roller (1), in which roll gap a ring blank (9) mounted around the mandrel (2) is rolled, during the rotating of the revolving drum (3). The revolving drum (3) has four rotatably mounted support rollers for rotatably mounting each mandrel (2), said support rollers supporting the mandrel (2) in the direction of the rotational axis (39) of the revolving drum, such that, during the rolling process, the mandrel (2) is located between the support rollers and the press element (1).

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Opponent : SMS group GmbH
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