

Title (en)

Process and machine for forging rod-shaped article having deformed portion at an end thereof

Title (de)

Verfahren und Maschine zum Schmieden eines Gegenstandes mit einem deformierten Endteil

Title (fr)

Procédé et machine pour forger un article en forme de barre ayant une extrémité déformée

Publication

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Application

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Priority

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Abstract (en)

In a forging process according to the present invention, a full enclosed die forging step, a finish forging step, and a deburring step are performed successively. In the full enclosed die forging step, a preformed rod-shaped log (51A) is pressed from the direction perpendicular to the axial direction of the log (51A) with a first upper die half (31) and a first lower die half (21). The log (51A) is pressed by punches (44) from the axial direction thereof for the rough forging. As a result, a formed log (51A) is obtained that has a concave portion at least at one end thereof. In the finish forging step, the formed log (51A) is pressed from the direction perpendicular to the axial direction of the formed log (51A) with an upper die half and a lower die half for the deburring. In this way, the formed log having a burr is obtained. In a deburring step, the formed log having the burr is deburred. <IMAGE>

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CPC (source: EP KR)

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Citation (search report)

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