

Title (en)
METHOD AND DEVICE FOR PRESSURE ROLLING

Title (de)
VERFAHREN UND VORRICHTUNG ZUM DRÜCKKALZEN

Title (fr)
PROCÉDÉ ET DISPOSITIF DE FLUOTOURNAGE

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Application
EP 17151935 A 20170118

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Abstract (en)
[origin: WO2018133959A1] The invention relates to a method and a device for flow forming, wherein a workpiece (5) is set in rotation with the aid of a spindle (12) and at least one outer roller (20) is moved against an outer side of the workpiece (5). An axially extending outer region of the workpiece (5) is formed by thinning the material. According to the invention, at least one inner roller (30) is moved against an inner side of the workpiece (5) with the aid of an inner support (40), which is axially and radially movable relative to the axis of rotation, independently of the outer roller (20). The inner support (40) with the inner roller (30) and an outer support with the outer roller (20) are moved independently of one another by means of a CNC control process, and a defined wall thickness profile with different wall thicknesses is formed on the outer region between the at least one outer roller (20) and the at least one inner roller (30).

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Citation (opposition)
Opponent : SSB-Maschinenbau GmbH
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