

Title (en)
METHOD AND DEVICE FOR FLOW TURNING

Title (de)
VERFAHREN UND VORRICHTUNG ZUM DRÜCKWALZEN

Title (fr)
PROCEDE ET DISPOSITIF DE FLUOTOURNAGE

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Application
EP 00938668 A 20000522

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Abstract (en)
[origin: DE19924062A1] The invention relates to a method and a device for producing vehicle wheels having a rim consisting of a steel material. A tubular element having uniform wall thickness is used as work piece and clamped in a flow turning machine. At least one profiling roller is radially advanced by means of which the work piece is radially drawn in and a rim profile is formed. In order to reduce the mass of the rim, the work piece is clamped in a cylindrical rolling arbor before the rim profile is formed, the diameter of said arbor corresponding to the inner diameter of the tubular element. The wall thickness is reduced in a defined manner in given partial areas and the work piece is axially extended by the radial and axial advancement of the at least one flow turning roller, whereby areas having different wall thickness are produced. The profile of the rim is then formed.

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Cited by
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