

Title (en)

METHOD FOR PRODUCING COMPONENTS USING A FLOWABLE ACTIVE MEDIUM AND A FORMING TOOL

Title (de)

VERFAHREN ZUM HERSTELLEN VON BAUTEILEN MITTELS EINES FLIESSFÄHIGEN WIRKMEDIUMS SOWIE EINES FORMWERKZEUGS

Title (fr)

PROCEDE DE PRODUCTION DE COMPOSANTS A L'AIDE D'UN AGENT ACTIF FLUIDE ET OUTIL DE FORMAGE CORRESPONDANT

Publication

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Application

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Abstract (en)

[origin: WO0176787A1] The invention relates to a method for producing components from a blank (P1 - P4) consisting of a deep-drawable material, especially steel, using a flowable active medium. During this method, the blank (P1 - P4) is clamped in a forming device (U1,U2) and exposed to the active medium. The blank (P1 - P4) is then preformed by increasing the pressure (P) exerted by the active medium in an area of the blank (P1 - P4) which is limited to a partial section (V1,V2) of the blank surface and which partially covers the surface section (B1,B2) of the blank (P1 - P4) from which the final form of the component is produced. The preformed blank (P1 - P4) is then finished using a forming tool (F1,F2).

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