

Title (en)

DEVICE FOR THE HYDROSTATIC SHAPING OF HOLLOW BODIES OF COLD-WORKABLE METAL.

Title (de)

VORRICHTUNG ZUM HYDROSTATISCHEN UMFORMEN VON HOHLKÖRPERN AUS KALTUMFORMBAREM METALL.

Title (fr)

DISPOSITIF DE FORMAGE HYDROSTATIQUE DE CORPS CREUX EN METAL DEFORMABLE A FROID.

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9213655A1] A device for the hydrostatic shaping of hollow bodies (19) of cold-workable metal within a shaping recess (17) of a die (12) is fitted with a system for supplying pressurising fluid into the hollow body (19). The supply system consists of a supply sleeve coupling (23) conveying the pressurising fluid which can be moved to and from in relation to the hollow body (19) contained in the die (12) and locked in the supply position. The supply sleeve coupling (23) can be pushed over the front of a cylindrical clamping region (22) of the hollow body (19) located outside the shaping recess (17) of the die (12). In the supply position, the supply sleeve coupling (23) accepts the clamping region (22) in the supply position so as to be axially movable and clamps it via a sleeve seal (36) which is automatically sealed by the fluid pressure.

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