

Title (en)
PRODUCING AN OUTLET ON A HOLLOW BODY

Title (de)
ERZEUGUNG EINES ABGANGS AN EINEM HOHLKÖRPER

Title (fr)
PRODUCTION D'UNE DÉRIVATION AU NIVEAU D'UN CORPS CREUX

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Application
EP 19736973 A 20190529

Priority
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• DE 2019200054 W 20190529

Abstract (en)
[origin: WO2019228597A1] The invention relates to the production of outlets on hollow bodies, for example on pipes. An aperture (11) having a round inner contour is introduced into the hollow body (10) and said aperture is necked out in a cycle passed through once or many times. In the necking-out cycle, a rotatably mounted, rotationally symmetrical tool (1) is inserted into the aperture (11), then the tool (1) is moved against the aperture edge (12) while exerting a compressive force, and finally, with a compressive force continuing to be exerted on the aperture edge (12) and with a rotational movement carried out simultaneously between the tool (1) held by a rotating tool receptacle (4) via a tool holder (2) but itself not driven and the hollow body (10), the tool (1) is moved out of the aperture, by which means the tool (1) rolling on the aperture edge (12) effects material transport directed outward. The movement of the tool (1) toward the aperture edge (12) is effected by a deflection, carried out within the tool receptacle (4), of a linear movement originally directed parallel to the central perpendicular (13) of the aperture (11).

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