

Title (en)

Process for extrusion of metal and extrusion press

Title (de)

Verfahren zum Strangpressen von Metall und Strangpresse

Title (fr)

Procédé de filage de métal et presse à filer perfectionnée

Publication

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Application

EP 94400976 A 19940504

Priority

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Abstract (en)

[origin: EP0623402A1] The subject of the invention is an extrusion process for extruding a metal billet (6) placed in a container (3) delimiting a housing (4) for the billet (6), the housing being closed at one end by a back piece (plate) (13) and at the other end by a dummy block (bearing plate) (5), in which process, before carrying out the extrusion, the billet (6) is precompressed in order to press the latter against the internal face (43) of the housing (4). In accordance with the invention, at the start of the precompression phase, a small clearance (e) is maintained between the closure back piece (13) and the corresponding end (31) of the container (3), preventing the container (3) from moving closer to the back piece (13) during the precompression in order to allow removal, via the clearance (e) thus maintained, of the air contained between the billet (6) and the internal face (43) of the housing (4), during the expansion of the billet (6) and the said clearance (e) is then left to close up by advancing the container (3) thus rendered integral with the billet (6). The invention applies more especially to direct extrusion, but may also be of interest in the case of reverse extrusion. <IMAGE>

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