

Title (en)  
Method and device for manufacturing of component parts

Title (de)  
Verfahren und Vorrichtung zur Erzeugung von Bauteilen

Title (fr)  
Procédé et dispositif pour la fabrication de pièces de construction

Publication  
**EP 0535421 B1 19970312 (DE)**

Application  
**EP 92115545 A 19920911**

Priority  
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Abstract (en)  
[origin: EP0535421A1] The invention relates to a method and devices for manufacturing component parts, in which molten metal is introduced into a mould cavity (1) formed by at least two mould halves (3, 4) and solidified under pressure. To create monitorable and controllable production conditions for optimisation of the product properties, it is envisaged, according to the invention, that the material to be liquefied, for example in the form of solid billets (11), be introduced into filling chambers (6) connected directly to the mould cavity (1) via large cross-sections (5) of flow with the aid of press plungers (7), melted, pushed further into the mould cavity (1), in a compact flow, with the aid of the press plungers (7) and, after complete closure of the mould cavity (1), made to solidify under pressure in the cavity. <IMAGE>

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Cited by  
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