

Title (en)
LOST FOAM PRESSURE CASTING PROCESS FOR METAL PIECES

Publication
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Application
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Priority
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Abstract (en)
[origin: EP0421039A1] The invention relates to a lost foam pressure casting process for metal pieces. This process consists, after having filled the mould with metal in the liquid state and before the solidified fraction of metal exceeds 40% by weight, in applying an isostatic gaseous pressure over the entire mould/metal, of which the value is between 1.5 and 10 mPa. The invention applies to the production of pieces, particularly made from aluminium alloys, having improved mechanical characteristics and, in particular, better resistance to fatigue. <IMAGE>

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IPC 8 full level
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