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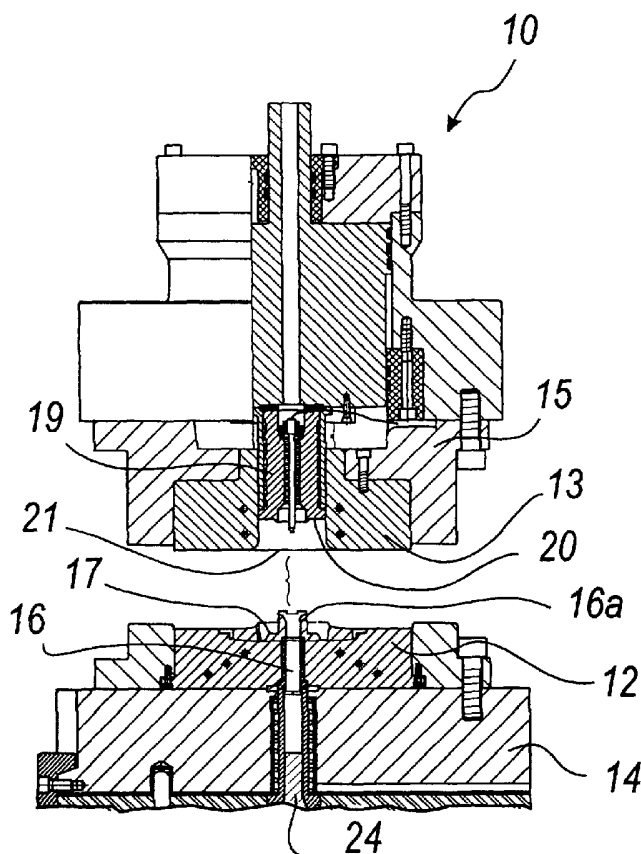
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(54) Title: APPARATUS AND METHOD FOR MANUFACTURING ARTICLES MADE OF LIGHT ALLOYS



(57) Abstract: An apparatus and method for manufacturing articles made of aluminum, aluminum alloys, light alloys and the like, the apparatus comprising a lower die section (12) and at least one upper die section (13), associated with corresponding press platens (14, 15) for closure determining shape of the cast article, a vertically elongated duct (16) for introducing liquid metal, a pressurized furnace that leads into the lower die section (13) that forms at least one lower impression (17) with at least one concave portion for introducing liquid metal through at least one corresponding inlet (18) formed at the upper portion of the duct (16), a male plug (19) associated with the upper die section (12), and movable with respect thereto.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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E	WO 03 066254 A (ESJOTECH S R L ;FRULLA CLAUDIO (IT)) 14 August 2003 (2003-08-14) abstract; figures 1-4 ---	1-10
A,P	WO 02 089625 A (FRULLA CLAUDIO) 14 November 2002 (2002-11-14) abstract; figures 1-5 page 3, line 5 -page 6, line 4 ---	1-10
A	EP 0 423 447 A (TVA HOLDING) 24 April 1991 (1991-04-24) abstract; figures 1,2 -----	10



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Information on patent family members

II International Application No

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