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54 **Continuous casting molds.**

57 A mould suitable for the continuous horizontal casting of metal to form shaped stock which comprises a mould body of heat conductive metal which defines by its interior surface a mould cavity having a transverse cross-sectional configuration approximating the cross-section of the shaped stock and which is adapted to contact coolant for indirect heat exchange from the interior surface of the mould, the mould also defining an end plate continuous with the interior surface of the mould, and a thermal barrier layer integral with the mould of at least that portion of the end plate of the mould that is adjacent the interior surface of the mould, which thermal barrier layer is adapted to contact a nozzle of a tundish to supply molten ferrous metal to the mould, the thermal barrier layer having sufficient thickness to prevent the solidification of the ferrous metal adjacent to the nozzle.

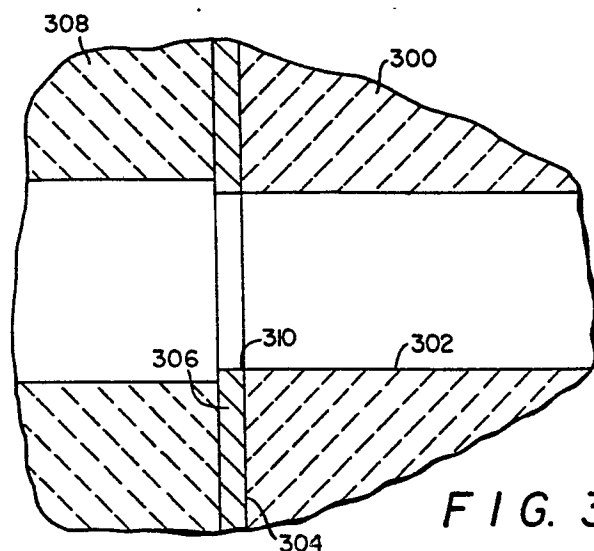


FIG. 3



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	DE-A-2 604 478 (P. GLÖRFELD) * Figures 3-4; claims 1,6; page 9, lines 9-14 *	1-3,8, 13-15	B 22 D 11/04
Y	---	4-7	
Y	FR-A-2 388 618 (BRITISH STEEL CORP.) * Page 1, line 20 - page 2, line 20 *	4-7	
X	DE-A-1 939 653 (S. HAJDUK) * Page 5, lines 1-22; figure 3 *	1,3,8, 10,13-15	
A	---		
A	PATENT ABSTRACTS OF JAPAN, vol. 10, no. 81 (M-465)[2138], 29th March 1986; & JP-A-60 221 151 (KAWASAKI SEITETSU K.K.) 05-11-1985 * Abstract *	3-6	
A	---		
A	PATENT ABSTRACTS OF JAPAN, vol. 4, no. 179 (M-46)[661], 11th December 1980; & JP-A-55 128 349 (KOBE SEIKOSHO K.K.) 04-10-1980 * Abstract *	1	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	---		
A	EP-A-0 153 014 (IMI REFINERS LTD) * Figure 1; page 6, lines 1-13 *	1	B 22 D
E	---		
E	US-A-4 744 406 (L.F. ROSTIK) * Column 2, lines 32-62; column 4, lines 22-26 *	1-8,12-15	

The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 31-03-1989	Examiner DOUGLAS K.P.R.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	