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54 **Cooling of hot bodies.**

57 A hot body (1), such as part of a vessel for molten metal, is cooled by having atomised liquid coolant directed on to it. The coolant is directed into a space between the surface to be cooled (2) and

another surface (6) parallel to it in a direction parallel to the surfaces. The volume of liquid coolant which is supplied does not exceed the volume of liquid which is vaporised by the hot body (1).

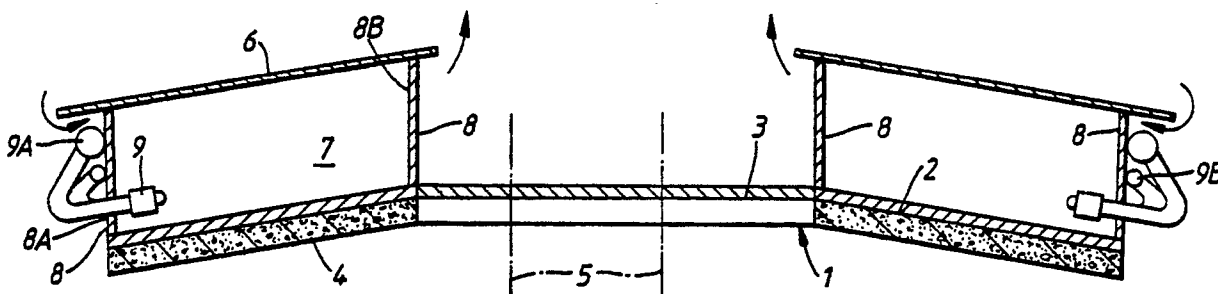


Fig. 2.



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.5)
A,D	EP-A-0 044 512 (KORF-STAHl AG) ---		F 27 D 9/00
A	US-A-4 815 096 (W.H. BURWELL) ---		F 27 D 1/18
A	US-A-4 789 991 (O.H. METELMANN) ---		F 27 D 1/12
A	WO-A-8 903 011 (DAVY McKEE) -----		F 27 B 14/12
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			F 27 D F 27 B C 21 B H 05 K
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18-09-1990	Examiner COULOMB J.C.
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			