

12

EUROPEAN PATENT APPLICATION

21 Application number: **87309663.0**

51 Int. Cl.⁴: **F 27 D 9/00**
C 21 B 7/10, F 27 B 3/24

22 Date of filing: **02.11.87**

30 Priority: **29.12.86 US 947125**

43 Date of publication of application:
28.09.88 Bulletin 88/39

84 Designated Contracting States: **DE FR GB SE**

88 Date of deferred publication of search report:
12.10.88 Bulletin 88/41

71 Applicant: **DOW CORNING CORPORATION**
3901 S. Saginaw Road
Midland Michigan 48640 (US)

72 Inventor: **Gibson, Gary Lee**
401 Sylvan Lane
Midland Michigan (US)

Oleson, John Douglas
2401 Burlington
Midland Michigan (US)

The other inventor has agreed to waive his entitlement to designation

74 Representative: **Kyle, Diana et al**
ELKINGTON AND FIFE High Holborn House 52/54 High
Holborn
London WC1V 6SH (GB)

54 **Cooling of molten media processes.**

57 An improvement to processes in which molten materials are handled at elevated temperatures is described. The improvement is the use of a polyorganosiloxane fluid as a cooling medium instead of water. This improvement eliminates the safety hazard of steam explosions which can occur when water is contacted with molten materials at elevated temperatures.



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 87 30 9663

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)		
A	FR-A-2 374 605 (KLOCKNER-HUMBOLDT-DEUTZ AG) ----		F 27 D 9/00 C 21 B 7/10 F 27 B 3/24		
A	BE-A- 885 896 (O'OKIEP COPPER CO., LTD) ----				
A	DE-B-1 103 952 (KNAPSACK-GRIESHEIM AG) ----				
A	US-A-3 813 425 (F.J. TRAVER) -----				
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)		
			F 27 B F 27 D C 21 B		
The present search report has been drawn up for all claims					
Place of search THE HAGUE		Date of completion of the search 05-07-1988	Examiner COULOMB J.C.		
<table><tr><td>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</td><td>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</td></tr></table>				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
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				