

Title (en)  
FEEDER HEAD FOR CASTINGS

Publication  
**EP 0060349 A3 19840725 (DE)**

Application  
**EP 81110682 A 19811222**

Priority  
DE 3110534 A 19810318

Abstract (en)  
[origin: EP0060349A2] 1. Feeder for castings (1), in particular of cast-iron with a body (3) of an exothermic heating material comprising a cylindrical cavity (5), which material keeps the substance located in the feeder molten until the completion of the shrinkage of the casting material through the region of the casting to be fed, in which case the feeder volume corresponds to the quantity of the shrinkage volume plus the maximum safety amount of 30% of the shrinkage volume, characterised in that the cylindrical cavity (5) is open towards the outside on its upper side and that located in this cavity (5) is a float (9) adapted to its cross section and able to move with respect to the body (3) of exothermic heating material, which float likewise consists of an exothermic heating material.

IPC 1-7  
**B22C 9/08**; **B22D 35/04**

IPC 8 full level  
**B22C 9/08** (2006.01); **B22D 35/04** (2006.01)

CPC (source: EP)  
**B22C 9/08** (2013.01); **B22C 9/088** (2013.01)

Citation (search report)

- [YD] DE 2010337 B1 19711125 - REXROTH GMBH G L [DE]
- [Y] US 2439450 A 19480413 - PHILLIP CAMPBELL, et al
- [Y] FR 1351085 A 19640131
- [A] US 2845667 A 19580805 - HANS FRISCHKNECHT

Cited by  
US4749022A; US4907640A; CN110153376A; CN112935191A; EP0202741A3

Designated contracting state (EPC)  
AT CH FR GB IT LI

DOCDB simple family (publication)  
**EP 0060349 A2 19820922**; **EP 0060349 A3 19840725**; **EP 0060349 B1 19860528**; AT E19972 T1 19860615; DE 3110534 A1 19821028; DE 3110534 C2 19860417

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