

Title (en)  
FEEDER HEAD FOR CASTINGS

Publication  
**EP 0060348 A3 19840725 (DE)**

Application  
**EP 81110681 A 19811222**

Priority  
DE 3110535 A 19810318

Abstract (en)  
[origin: EP0060348A2] 1. Feeder for castings of cast-iron with a cylindrical hood (3) consisting of an exothermic heating material, which keeps the casting material located in the feeder liquid until the completion of contraction through the region of the casting to be fed and which reaches as far as the gate surface (7) of the feeder, in which case the volume of the feeder corresponds to the quantity of the contraction volume plus a maximum safety amount of 30% of the contraction volume, characterised in that the gate surface is constructed to be substantially rectangular and the feeder volume is likewise constructed to be substantially rectangular in all cross sections, in which case the cross sections of the feeder volume do not increase with respect to the cross section of the gate surface and that the length (L) of the cross section of the feeder volume and the gating surface (6) of the feeder amounts to more than twice the average width (B) of the cross section of the feeder volume and of the gate surface.

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 3614053 A 19711019 - PECK RICHARD O

Cited by  
US4779669A; GB2158752A; AU571692B2

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

DOCDB simple family (publication)  
**EP 0060348 A2 19820922**; **EP 0060348 A3 19840725**; **EP 0060348 B1 19870715**; AT E28285 T1 19870815; DE 3110535 A1 19821111;  
DE 3110535 C2 19861009

DOCDB simple family (application)  
**EP 81110681 A 19811222**; AT 81110681 T 19811222; DE 3110535 A 19810318