

Title (en)
METHOD AND INSTALLATION FOR PRODUCING THICK-WALLED HOLLOW CASTINGS

Publication
EP 0065208 B2 19901227 (DE)

Application
EP 82103856 A 19820505

Priority
DE 3118928 A 19810513

Abstract (en)
[origin: EP0065208B1] 1. Method for the feederless production of thick-walled container-type castings (1) of spheroidal graphite cast iron, characterised in that the entire mould (3, 6) is of nonyieldable construction comprising a mould core (6) and an outer mould (3), that the castings (1) are cooled both at their inner and at their outer surface, the cooling at the inner surface being effected by cooling of the mould core (6) by coolant, and that the ingates (2) are so dimensioned that the cast iron solidifies in them before the eutectic solidification of the casting (1) sets in.

IPC 1-7
B22C 9/24; **B22D 7/04**; **B22D 27/04**

IPC 8 full level
B22C 9/24 (2006.01); **B22D 7/04** (2006.01); **B22D 15/02** (2006.01); **B22D 25/02** (2006.01); **B22D 27/04** (2006.01)

CPC (source: EP US)
B22C 9/24 (2013.01 - EP US); **B22D 27/04** (2013.01 - EP US)

Cited by
CN103990762A; EP0890400A1; CN114147182A; US11766716B2; DE102007017690A1

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DOCDB simple family (publication)
EP 0065208 A1 19821124; **EP 0065208 B1 19850904**; **EP 0065208 B2 19901227**; AT E15338 T1 19850915; CA 1224325 A 19870721; DE 3118928 A1 19821202; DE 3265991 D1 19851010; JP H0329500 B2 19910424; JP S5825859 A 19830216; US 5058655 A 19911022; ZA 822691 B 19830223

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