

Title (en)
Improved continuous lubrication casting molds.

Title (de)
Kontinuierliche Schmierung von Giesskokillen.

Title (fr)
Graissage continu de lingotières de coulée.

Publication
EP 0060359 A1 19820922 (EN)

Application
EP 81302993 A 19810701

Priority
US 24448881 A 19810316

Abstract (en)
A method and apparatus for continuously casting molten metals and alloys is disclosed wherein a lubricating agent is supplied over substantially the whole of the mold surface 5 through an inner mold member 2 which extends the length of the mold and which is porous. Lubricant is fed to the porous member 2 via a lubricant plenum 7 surrounding the porous member. Coolant is fed to a coolant chamber 9 from a cooling jacket 10 to effect cooling of the lubricant by heat transfer through the dividing wall 11.

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IPC 8 full level
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CPC (source: EP)
B22D 11/04 (2013.01); **B22D 11/07** (2013.01)

Citation (search report)
• [X] DE 837589 C 19520428 - WIELAND WERKE AG
• [X] US 2949652 A 19600823 - FRANCIS HOBBS JOHN, et al
• [A] DE 846900 C 19520818 - WIELAND WERKE AG
• [E] US 4287937 A 19810908 - PRYOR MICHAEL J [US], et al

Cited by
EP0160635A3; EP0733420A1; US5785112A; CH689446A5; EP0119734A3; CN117862435A; WO2007062476A1

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DOCDB simple family (application)
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