

Title (en)
CASTING OF NON-FERROUS METALS

Title (de)
GIESSEN VON NICHT-EISEN-METALLEN

Title (fr)
COULAGE DE METAUX NON FERREUX

Publication
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Application
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- US 40535902 P 20020821
- US 40645302 P 20020828
- US 40650402 P 20020828
- US 40650502 P 20020828
- US 40650602 P 20020828
- US 40650702 P 20020828

Abstract (en)
[origin: WO2004018124A1] A method of continuous casting non-ferrous alloys which includes delivering molten non-ferrous alloy (M) to a casting apparatus. The casting apparatus rapidly cools at least a portion of the non-ferrous alloy at a rate of at least about 100 ° C thereby solidifying an outer layer (6, 8) of the non-ferrous alloy surrounding an inner layer (16) of a molten component and a solid component of dendrites (14). The dendrites (14) are altered to yield cast product exhibiting good resistance to cracking.

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IPC 8 full level
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Citation (search report)

- [X] US 2693012 A 19541102 - HARRIS JAMES E, et al
- See references of WO 2004018124A1

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