

Title (en)

METHOD OF MAKING AND USING A CERAMIC SHELL MOLD

Publication

EP 0020373 B1 19830608 (EN)

Application

EP 79900983 A 19781204

Priority

- EP 79900983 A 19781204
- US 7800187 W 19781204

Abstract (en)

[origin: WO8001146A1] A method of making a shell mold (6) includes alternately applying a ceramic coating composition (8) and a stucco composition (10) to an expendable pattern, the presence of graphite being substantially avoided therein, and applying a barrier coating (16) thereto including a ceramic powder, a binder, and a preselected amount of graphite. A preferred range of graphite of about 13 to 17 Wt.% in the barrier coating (16) minimizes decarburization of a ferrous article formed in the cavity of the shell mold (6).

IPC 1-7

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IPC 8 full level

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