

Title (en)

Foundry model and process for manufacturing a hollow cast piece.

Title (de)

Gusskörpermodell und Verfahren zum Herstellen eines hohlen Gusskörpers.

Title (fr)

Modèle de fonderie et procédé de fabrication d'une pièce de coulée creuse.

Publication

EP 0305653 A1 19890308 (DE)

Application

EP 88108579 A 19880528

Priority

DE 3728918 A 19870829

Abstract (en)

A foundry pattern (1) with a foam body (3) for the production of a hollow casting, can be produced and seams at points to which access is difficult, in particular on the inside, avoided if the contour of the foam body is covered on one side with a refractory moulding (2) which is to be moulded into the casting to be produced in order to form a corresponding part of the latter's contour. <IMAGE>

Abstract (de)

Ein Gußkörpermodell (1) mit einem Schaumstoffkörper (3) zum Herstellen eines hohlen Gußteils läßt sich bei Vermeidung von Nähten an schwer zugänglichen Stellen, insbesondere an der Innenseite, herstellen, wenn die Kontur des Schaumstoffkörpers einseitig mit einem in das herzustellende Gußteil zum Bilden eines entsprechenden Teils von dessen Kontur einzuformenden, feuerfesten Formteil (2) abgedeckt wird.

IPC 1-7

B22C 7/02; **B22D 19/00**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] WO 7900298 A1 19790531 - CATERPILLAR TRACTOR CO [US]
- [X] PATENT ABSTRACTS OF JAPAN, Band 7, Nr. 89 (M-207)[1234], 13. April 1983; & JP-A-58 13 464 (TAKAOKA KOGYO K.K.) 25-01-1983
- [A] PATENT ABSTRACTS OF JAPAN, Band 10, Nr. 138 (M-480)[2195], 21. Mai 1986; & JP-A-60 261 657 (KOMATSU SEISAKUSHO K.K.) 24-12-1985
- [A] PATENT ABSTRACTS OF JAPAN, Band 11, Nr. 380 (M-650)[2827], 11. Dezember 1987; & JP-A-60 151 242 (SEKISUI PLASTICS CO. LTD) 06-07-1987
- [A] PATENT ABSTRACTS OF JAPAN, Band 12, Nr. 10 (M-658)[2857], 13. Januar 1988; & JP-A-62 173 053 (M C L K.K.) 29-07-1987

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