

Title (en)

ARRANGEMENT FOR CONTROLLING THE TILTING OPERATION OF A MELTING CRUCIBLE

Publication

EP 0208854 A3 19890315 (DE)

Application

EP 86106158 A 19860506

Priority

DE 3524858 A 19850712

Abstract (en)

[origin: US4823263A] In automatic melting crucible tipping it is important that, starting from a certain angular position, the melting crucible (1) is tipped according to a predetermined model until emptying is complete. This model can be obtained, for example, by the so-called teach-in process and can be stored in an analog or digital memory (89). In order to prevent abrupt movement of the crucible (1) when the molten material touches the pouring lip (3) of the crucible (1) when the pour-lip angle has been reached, according to the invention a correction arrangement (108, 109, 37) is provided which enables the tipping process to proceed continuously and without abrupt movements even in the case of different pour-lip angles.

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CPC (source: EP US)

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Citation (search report)

- [A] US 3917111 A 19751104 - BERTHET ARISTIDE, et al
- [A] GB 1114282 A 19680522 - BBC BROWN BOVERI & CIE
- [A] PATENT ABSTRACTS OF JAPAN, Band 7, Nr. 215 (M-244)[1360], 22. September 1983; & JP-A-58 110 169 (ASAHI KATANTETSU K.K.) 30-06-1983

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EP1967302A1; DE202012003963U1; WO2008099556A1; EP2532287A1; DE102011104698A1

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DOCDB simple family (publication)

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