

Title (en)

Tool for producing cast components, method for producing said tool, and method for producing cast components

Title (de)

Werkzeug zum Herstellen von Gussbauteilen, Verfahren zum Herstellen des Werkzeugs und Verfahren zum Herstellen von Gussbauteilen

Title (fr)

Outil de fabrication de composants coules, procede de fabrication de l'outil et procede de fabrication de composants coules

Publication

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Application

**EP 09168304 A 20040923**

Priority

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- DE 10346953 A 20031009

Abstract (en)

[origin: WO2005039803A2] The invention relates to a tool for producing cast components, especially gas turbine components, from reactive nonferrous molten metals, especially titanium alloys, said tool being embodied as a casting mould. According to the invention, at least one region of the casting mould (10) that comes into contact with the reactive nonferrous molten metal consists of yttrium oxide, magnesium oxide and calcium oxide.

IPC 8 full level

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**B22C 1/00** (2013.01 - KR); **B22C 1/04** (2013.01 - EP KR US); **B22C 9/04** (2013.01 - EP KR US); **F01D 25/00** (2013.01 - KR); **F01D 25/005** (2013.01 - EP US); **F05D 2230/21** (2013.01 - EP US); **F05D 2300/133** (2013.01 - EP US)

Citation (search report)

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- [IY] PATENT ABSTRACTS OF JAPAN vol. 009, no. 128 (M - 384) 4 June 1985 (1985-06-04)

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