

Title (en)

METHOD AND APPARATUS FOR SUPPLYING AN OPTIMISED QUANTITY OF CATALYST TO A CORE SHOOTING MACHINE

Title (de)

VERFAHREN UND VORRICHTUNG FÜR DIE ZUFUHR EINER OPTIMIERTEN KATALISATORMENGE IN EINER KERNFORMMASCHINE

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE FOURNIR UNE QUANTITE OPTIMALE DE CATALYSEUR A UNE MACHINE A TIRER LES NOYAUX

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9855249A1] In a method and apparatus for the supply of an optimised quantity of catalyst to a core shooting machine for the manufacture of cores or moulds for casting processes wherein a catalyst is extracted from a pressurised vessel (11) in liquid or gaseous form and is mixed with a purging gas before it is introduced into the core shooting machine, firstly an optimised quantity of catalyst and secondly the purging gas at a pressure of 0.1 to 10 bar are fed into a pressure container (15), the catalyst and purging gas are mixed in the pressure container (15), and the resulting mixture is introduced into the core shooting machine. When the catalyst is used in liquid form it can be transformed from the liquid to the gaseous form in metering bellows (20) located between and connected to the pressurised vessel (15) and the pressure container (15).

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