

Title (en)

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

Title (de)

VERFAHREN ZUR VERSORGUNG MIT EINEM OPTIMISIERTEN KATALISATORMENGE EINER KERNFORMMASCHINE

Title (fr)

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

Publication

EP 0986442 A1 20000322 (EN)

Application

EP 98922962 A 19980522

Priority

- DE 19723314 A 19970604
- GB 9801509 W 19980522

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).

IPC 1-7

B22C 9/12

IPC 8 full level

B22C 9/12 (2006.01)

CPC (source: EP KR)

B22C 9/12 (2013.01 - KR); **B22C 9/123** (2013.01 - EP)

Citation (search report)

See references of WO 9855249A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

WO 9855249 A1 19981210; AR 015384 A1 20010502; AT E234698 T1 20030415; AU 741268 B2 20011129; AU 7542198 A 19981221; BR 9809723 A 20000711; CA 2293507 A1 19981210; CN 1265614 A 20000906; DE 19723314 C1 19990218; DE 69812354 D1 20030424; EP 0986442 A1 20000322; EP 0986442 B1 20030319; JP 2002502317 A 20020122; KR 20010013424 A 20010226; TR 199902962 T2 20000522; TW 396075 B 20000701; ZA 984468 B 19981201

DOCDB simple family (application)

GB 9801509 W 19980522; AR P980102616 A 19980604; AT 98922962 T 19980522; AU 7542198 A 19980522; BR 9809723 A 19980522; CA 2293507 A 19980522; CN 98807815 A 19980522; DE 19723314 A 19970604; DE 69812354 T 19980522; EP 98922962 A 19980522; JP 50181899 A 19980522; KR 19997011425 A 19980522; TR 9902962 T 19980522; TW 87108368 A 19980529; ZA 984468 A 19980526