

Title (en)
SHOOTING HEAD FOR A CORE SHOOTER

Title (de)
SCHUSSKOPF FÜR EINE KERNSCHIESSMASCHINE

Title (fr)
TETE DE SOUFFLAGE POUR MACHINE A TIRER LES NOYAUX

Publication
EP 0712339 A1 19960522 (DE)

Application
EP 94920884 A 19940716

Priority
• DE 4326180 A 19930804
• DE 9400821 W 19940716

Abstract (en)
[origin: CA2168669A1] A shooting head for a core shooter for shooting foundry cores or moulds has an opening at the inlet side to which a filling device or a damping head for sealingly applying compressed air may be selectively connected. The filling device has an outlet element that dips into the shooting head and pridefulness the filling level. At the outlet side, the shooting head has a shooting plate with shooting nozzles. In order to automatically produce core packs when the difference in weight between the individual cores is extreme, a core sand guiding system extends inside the shooting head substantially from the lower edge of the outlet element submerged to its deepest level in the shooting head or from the filling level defined by the outlet means up to the shooting nozzles.

IPC 1-7
B22C 15/24

IPC 8 full level
B22C 15/24 (2006.01)

CPC (source: EP US)
B22C 15/24 (2013.01 - EP US)

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See references of WO 9504620A1

Cited by
DE102019116841A1; WO2020254469A1

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DE 4326180 A1 19950209; DE 4326180 C2 19970130; CA 2168669 A1 19950216; DE 59402674 D1 19970612; EP 0712339 A1 19960522; EP 0712339 B1 19970507; ES 2102237 T3 19970716; JP H09501106 A 19970204; US 5597029 A 19970128; WO 9504620 A1 19950216

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