

Title (en)

INDIVIDUALLY CONTROLLED SPRAY NOZZLE SYSTEM AND METHOD OF USE FOR CASTER.

Title (de)

INDIVIDUELL GESTEUERTE SPRITZDÜSE UND DEREN VERWENDUNG IN EINER GIESSMASCHINE.

Title (fr)

SYSTEME DE BUSE DE PULVERISATION A COMMANDE INDIVIDUELLE ET SON PROCEDE D'UTILISATION DANS UNE MACHINE A FONDRE.

Publication

EP 0131599 A4 19850701 (EN)

Application

EP 84900463 A 19831222

Priority

US 45516683 A 19830103

Abstract (en)

[origin: WO8402669A1] Method and apparatus for remote, individual control of separate coolant flow through control valves (112) to spray nozzles (102-106) lying along and about a continuous metal casting path to permit a nearly infinite variation in cooling patterns, which may be adjusted along and/or about the metal casting path as the casting metal advances. Remote individual spray nozzles coolant flow in continuous casting is safer and enables production of an improved product.

IPC 1-7

B22D 11/06; **B22D 11/124**

IPC 8 full level

B22D 11/06 (2006.01)

CPC (source: EP)

B22D 11/0682 (2013.01)

Citation (search report)

- [X] US 3916984 A 19751104 - PROPERZI ILARIO
- [A] US 4064929 A 19771227 - QUEHEN ANDRE, et al
- [A] DE 2011434 A1 19700924

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

WO 8402669 A1 19840719; CA 1216730 A 19870120; EP 0131599 A1 19850123; EP 0131599 A4 19850701

DOCDB simple family (application)

US 8302023 W 19831222; CA 444617 A 19840104; EP 84900463 A 19831222