

Title (en)

Apparatus for an method of reclaiming foundry sand.

Title (de)

Verfahren zum Regenerieren von Giessereisand und Vorrichtung zur Durchführung dieses Verfahrens.

Title (fr)

Appareil et procédé pour la régénération de sable de fonderie.

Publication

**EP 0580084 A3 19950111 (DE)**

Application

**EP 93111415 A 19930716**

Priority

- DE 4224493 A 19920724
- DE 4315893 A 19930512

Abstract (en)

[origin: EP0580084A2] Method for regenerating foundry sand in regenerators in which the dust is discharged pneumatically. During the regeneration process, the density of dust in the discharge air is continuously measured and the measured values are used as signals for the control of the regeneration process.

IPC 1-7

**B22C 5/10**; **B22C 5/00**

IPC 8 full level

**B22C 5/04** (2006.01); **B22C 5/00** (2006.01); **B22C 5/10** (2006.01); **B22D 2/00** (2006.01); **G05B 13/02** (2006.01)

CPC (source: EP US)

**B22C 5/00** (2013.01 - EP US); **B22C 5/10** (2013.01 - EP US); **Y10S 241/10** (2013.01 - EP)

Citation (search report)

- [Y] DE 4040573 A1 19910905 - FISCHER AG GEORG [DE]
- [Y] DE 2521433 A1 19751204 - LIANTS HYDRAULIQUES RECH IND
- [A] DE 4037460 A1 19910620 - FISCHER AG GEORG [DE]
- [A] EP 0343272 A1 19891129 - POHL GIESSEREITECHNIK [DE]
- [A] DE 4032798 A1 19910529 - FISCHER AG GEORG [DE]
- [A] US 4436138 A 19840313 - KONDO TOSHIO [JP]
- [A] US 4978076 A 19901218 - ANDREWS ROBERT S L [US], et al
- [DA] GIESSEREI, Jahrgang 76, Heftnr. 10/11, 15. Mai 1989, Giesserei-Verlag Düsseldorf WELLER, WETZLAR "Möglich- keiten und Grenzen bei der Regenerierbehandlung von Gie#ereialsanden" \* Seiten 350-353 \*

Cited by

EP0628367A3; CN105094038A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0580084 A2 19940126**; **EP 0580084 A3 19950111**; DE 4315893 A1 19941117; JP H06154942 A 19940603; TR 27795 A 19950829; US 5515907 A 19960514

DOCDB simple family (application)

**EP 93111415 A 19930716**; DE 4315893 A 19930512; JP 18123293 A 19930722; TR 62093 A 19930722; US 9665593 A 19930722