

Title (en)

Method of and apparatus for reclaiming casting sand.

Title (de)

Verfahren und Einrichtung zur Wiedergewinnung von Giessereisand.

Title (fr)

Procédé et appareil pour la récupération de sable de fonderie.

Publication

**EP 0149876 A1 19850731 (EN)**

Application

**EP 84300369 A 19840120**

Priority

EP 84300369 A 19840120

Abstract (en)

A sand reclamation apparatus having an air nozzle jetting a blast of air into a reclamation tube (101), and in its passage to pick up resin coated sand grains to spin them and project them into the tube to cause such a scrubbing and abrading multi-collision action of the grains between the interior of the tube and themselves as to remove the coating. The abraded material leaving the tube contacts a target to knock off resin particles which electrostatically cling to the sand grains.

IPC 1-7

**B22C 5/00**; **B22C 5/06**; **B22C 5/08**; **B22C 5/18**

IPC 8 full level

**B22C 5/08** (2006.01); **B22C 5/18** (2006.01)

CPC (source: EP)

**B22C 5/08** (2013.01); **B22C 5/18** (2013.01)

Citation (search report)

- [A] DE 2406834 B2 19750522
- [A] CH 590700 A5 19770815 - SIMPSON AG MASCHINEN
- [A] CH 575262 A5 19760514 - ESCHER WYSS AG
- [A] DE 2921197 A1 19801204 - LINDER HERMANN J

Cited by

EP0483933A3; CN113976818A; US5291935A; CN108607950A; CN117920942A

Designated contracting state (EPC)

BE CH DE GB LI NL

DOCDB simple family (publication)

**EP 0149876 A1 19850731**

DOCDB simple family (application)

**EP 84300369 A 19840120**