

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

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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)

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- [A] CH 590700 A5 19770815 - SIMPSON AG MASCHINEN
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- [A] DE 2921197 A1 19801204 - LINDER HERMANN J

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Designated contracting state (EPC)

BE CH DE GB LI NL

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