

Title (en)

FOUNDRY SAND REGENERATING PROCESS AND DEVICE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM REGENERIEREN VON GIESSEREISAND

Title (fr)

PROCEDE ET DISPOSITIF DE REGENERATION DE SABLE DE FONDERIE

Publication

EP 0634960 B1 19960417 (DE)

Application

EP 93903831 A 19930217

Priority

- DE 9300168 W 19930217
- DE 4212097 A 19920410

Abstract (en)

[origin: WO9320964A1] A regeneration process for foundry sand, in particular active bentonite-containing used sand, dispenses with preliminary thermal treatments and allows most valuable substances contained in the used sand to be recovered. The sand is partially fluidized with air in a grinder, by means of which valuable substances and dust are continuously carried out and separately collected. The considerably increased grinding and dedusting performance requirements caused by the suppression of preliminary thermal treatments are met by a composite system of separate grinding and dedusting areas through which the sand continuously circulates in a vertical circuit.

IPC 1-7

B22C 5/10; **B22C 5/02**

IPC 8 full level

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CPC (source: EP US)

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