

Title (en)

Apparatus for regenerating foundry moulding sand.

Title (de)

Vorrichtung zum Regenerieren von Giessereisand.

Title (fr)

Dispositif de régénération de sable de fonderie.

Publication

EP 0053882 A1 19820616 (EN)

Application

EP 81305399 A 19811113

Priority

JP 17358980 U 19801202

Abstract (en)

An apparatus for removing binder, mould coating agent and fine sand particles from the moulding sand used for casting moulds to regenerate the sand for re-use. The apparatus comprises a rotor (20) for scattering moulding sand falling from a hopper (18), and a friction ring (21) surrounding the rotor and having a flange (28) at its upper end and a seal plate (27) at its lower end. Friction between sand particles in accumulation assures efficient regeneration. This serves to render the apparatus small-sized and imparts improved durability.

IPC 1-7

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

IPC 8 full level

B22C 5/02 (2006.01); **B22C 5/10** (2006.01)

CPC (source: EP)

B22C 5/02 (2013.01); **B22C 5/10** (2013.01)

Citation (search report)

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