

Title (en)
Casting sand reclamation apparatus

Title (de)
Regenerierungsanlage für Giessereisand

Title (fr)
Système de récupération de sable de fonderie

Publication
EP 0998999 A1 20000510 (EN)

Application
EP 99308890 A 19991108

Priority
GB 9824461 A 19981107

Abstract (en)
A reactor vessel (1) suitable for use in the reclamation of foundry sand comprises a vessel (1) having an integral upper tubular portion (2) and a lower depending frustoconical portion (3). The reactor vessel is contained within an insulating frame (6) supported by legs (7) and provided with a lid (8). The vessel is provided with diametrically opposed sand inlet (16) and sand outlet ports (21) and at least one outlet port (26) for gaseous impurities. Means are provided to fluidise the sand within the reactor vessel (1) comprising a series of oxygen containing gas inlet nozzles (31). The vessel (1) is provided with an indirect heater to heat the sand to a predetermined temperature. <IMAGE>

IPC 1-7
B22C 5/08

IPC 8 full level
F23G 5/30 (2006.01)

CPC (source: EP)
F23G 5/30 (2013.01); **F23G 2201/50** (2013.01); **F23G 2209/24** (2013.01)

Citation (search report)

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- [XY] DE 3604761 A1 19870820 - POSSEHL & CO MBH L [DE]
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Cited by
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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0998999 A1 20000510; GB 2343397 A 20000510; GB 9824461 D0 19990106; GB 9926202 D0 20000112

DOCDB simple family (application)
EP 99308890 A 19991108; GB 9824461 A 19981107; GB 9926202 A 19991108