

Title (en)

Process for reclaiming used foundry sand

Title (de)

Verfahren zum Regenerieren von Giesserei-Altsand

Title (fr)

Procédé pour la régénération de sable de fonderie decoché

Publication

**EP 0521201 B1 19970402 (DE)**

Application

**EP 91250173 A 19910629**

Priority

EP 91250173 A 19910629

Abstract (en)

[origin: EP0521201A1] The invention relates to a process for reclaiming used foundry sand, whose original foundry sand contained, as forming material, inorganic binders such as, for example and especially, bentonite (= "inorganic spent sand") or/and organic binders such as, for example and especially, phenolic resins or/and furan resins (= "organic spent sand"), wherein the spent sand to be reprocessed is impregnated with water and then transferred in the moist state into a heated fluidised bed. <IMAGE>

IPC 1-7

**B22C 5/18**; **B22C 5/08**

IPC 8 full level

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

CPC (source: EP)

**B22C 5/08** (2013.01); **B22C 5/185** (2013.01)

Cited by

CN109482809A; DE102007008104A1

Designated contracting state (EPC)

BE DE ES FR GB IT LU NL

DOCDB simple family (publication)

**EP 0521201 A1 19930107**; **EP 0521201 B1 19970402**; DE 59108648 D1 19970507; ES 2100205 T3 19970616

DOCDB simple family (application)

**EP 91250173 A 19910629**; DE 59108648 T 19910629; ES 91250173 T 19910629