

Title (en)

DEVICE FOR CRUSHING AND COOLING A MATERIAL LEAVING A BURNING OVEN

Title (de)

ANORDNUNG ZUM BRECHEN UND KÜHLEN DES AUS EINEM BRENNOFEN AUSTRETENDEN GUTS

Title (fr)

DISPOSITIF POUR LE CONCASSAGE ET LE REFROIDISSEMENT D'UN MATERIAU SORTANT D'UN FOURNEAU

Publication

**EP 0640015 B1 19980520 (DE)**

Application

**EP 94911190 A 19940318**

Priority

- DE 9304122 U 19930319
- EP 9400855 W 19940318

Abstract (en)

[origin: US5580005A] PCT No. PCT/EP94/00855 Sec. 371 Date Nov. 15, 1994 Sec. 102(e) Date Nov. 15, 1994 PCT Filed Mar. 18, 1994 PCT Pub. No. WO94/21381 PCT Pub. Date Sep. 29, 1994Arrangement for crushing and cooling the material passing out of a firing oven, wherein the crusher is arranged in the hot region, preferably immediately following the oven, in the path of the material upstream of the cooler. According to the invention the crusher comprises a plurality of roll-like crushing elements which are mounted overhung and which project into the path of the material from outside said path and for maintenance purposes are retractable therefrom.

IPC 1-7

**B02C 4/02**; **B02C 4/28**

IPC 8 full level

**B02C 4/02** (2006.01); **B02C 4/28** (2006.01); **C04B 7/47** (2006.01); **C04B 7/52** (2006.01); **F27D 15/00** (2006.01)

CPC (source: EP US)

**B02C 4/02** (2013.01 - EP US); **B02C 4/28** (2013.01 - EP US)

Cited by

DE102013113865A1

Designated contracting state (EPC)

AT CH DE DK ES FR GR IT LI SE

DOCDB simple family (publication)

**US 5580005 A 19961203**; AT E166253 T1 19980615; DE 59405994 D1 19980625; DE 9304122 U1 19940728; DK 0640015 T3 19990308; EP 0640015 A1 19950301; EP 0640015 B1 19980520; ES 2117786 T3 19980816; JP H08500769 A 19960130; WO 9421381 A1 19940929

DOCDB simple family (application)

**US 33588794 A 19941115**; AT 94911190 T 19940318; DE 59405994 T 19940318; DE 9304122 U 19930319; DK 94911190 T 19940318; EP 9400855 W 19940318; EP 94911190 A 19940318; ES 94911190 T 19940318; JP 52065694 A 19940318