

Title (en)

PROCESS AND INSTALLATION FOR HEAT RECUPERATION, IN PARTICULAR AT THE COOLING OF ASHES

Publication

EP 0084279 B1 19860507 (FR)

Application

EP 82402145 A 19821125

Priority

FR 8122228 A 19811127

Abstract (en)

[origin: US4471723A] The invention relates to a recovery method and installation for the heat contained in a solid substance, occurring in divided form and more especially in ash produced by a fluidized bed combustion furnace. According to the invention the coarsest ash is removed through a purging outlet from the fluidized bed, the finest ash is separated from the smoke and the ash is cooled in two apparatuses adapted to the granulometry, one to the finest ash and the other to the coarsest ash.

IPC 1-7

F27B 15/02; **F23C 11/02**; **B01J 8/00**

IPC 8 full level

F23J 1/00 (2006.01); **B01J 8/00** (2006.01); **F23C 10/24** (2006.01); **F27B 15/02** (2006.01); **F27D 17/00** (2006.01)

CPC (source: EP US)

F27D 17/004 (2013.01 - EP US)

Citation (opposition)

Opponent : anonymous

- "der Deutsche Babcock Anlagen AG", FIRMENDRUCKSCHRIFT P. NR. 1794E - 11/80 DER DEUTSCHE BABCOCK ANLAGEN AG., November 1980 (1980-11-01)
- DEUTSCHE ZEITSCHRIFT ENERGIE 31, 1979, pages 240 - 243

Cited by

CN108980820A; CN110052223A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

US 4471723 A 19840918; AT E19688 T1 19860515; BR 8206856 A 19831004; DE 3271053 D1 19860612; EP 0084279 A2 19830727; EP 0084279 A3 19830810; EP 0084279 B1 19860507; FR 2517419 A1 19830603; FR 2517419 B3 19840824; JP S58173312 A 19831012

DOCDB simple family (application)

US 44381782 A 19821122; AT 82402145 T 19821125; BR 8206856 A 19821126; DE 3271053 T 19821125; EP 82402145 A 19821125; FR 8122228 A 19811127; JP 20838582 A 19821127