

Title (en)

APPARATUS FOR COOLING OR DRYING A COARSE-GRAINED BULK MATERIAL

Publication

**EP 0044947 B1 19830713 (DE)**

Application

**EP 81104900 A 19810624**

Priority

DE 3028263 A 19800725

Abstract (en)

[origin: EP0044947A1] 1. Device for cooling or drying of coarsely granular, pourable material with a plurality of superimposed floors rotatable about a common axis, wherein each floor is subdivided into a plurality of segments, which are each able to tilt about a tilting axis lying radially with respect to the common axis of rotation, and with devices for retaining the segments in the plane of their floor and for enabling tilting of the segments only in one zone of rotation, characterised in that with each floor (1) there is associated a tilting lever (35) which can swing about a stationary swinging axis (D), and which can forcibly tilt one segment (2 to 5, 25, 48) at a time in the zone of rotation (51), that a first lever arm (38, 40, 41, 42) of the tilting lever projects into the path of movement of the supports (6 to 8, 23, 46) for the segments and can be tilted on an engagement with a support, and that a second lever arm (41, 44) of the tilting lever, upon a tilting of the first lever arm, comes into engagement with a segment for forcible tilting of the latter about its tilting axis (B).

IPC 1-7

**F26B 17/00**

IPC 8 full level

**F26B 17/00** (2006.01)

CPC (source: EP)

**F26B 17/002** (2013.01)

Cited by

US5229010A; US5308452A; CN112747621A; CN107677065A; CN114440586A; EP0121166A1; US4586270A; CN117516117A; US6251228B1; US8164693B2; WO8700911A1

Designated contracting state (EPC)

AT BE CH FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0044947 A1 19820203; EP 0044947 B1 19830713**; AT E4144 T1 19830715; DE 3028263 A1 19820318; DE 3028263 C2 19820401

DOCDB simple family (application)

**EP 81104900 A 19810624**; AT 81104900 T 19810624; DE 3028263 A 19800725