

Title (en)

APPARATUS FOR TREATING GRANULAR SUBSTANCES, ESPECIALLY A POWDERY NUCLEAR REACTOR COMBUSTIBLE, AND OPERATING PROCESS FOR THE APPARATUS

Publication

**EP 0100989 A3 19850821 (DE)**

Application

**EP 83107566 A 19830801**

Priority

DE 3230039 A 19820812

Abstract (en)

[origin: US4582268A] Apparatus for treating a granular substance, especially for milling nuclear reactor fuel in powder form having a treatment drum supported rotatably about a central axis, an associated drive unit to drive the treatment drum about this central axis, and a cover at one end. The cover has two cover sections which are arranged side by side in the direction of the central axis of the treatment drum and can be rotated relative to each other about the central axis between two stops by means of a cover drive unit. The outer cover section has an opening for docking a substance container and the inner cover section has a passage opening which is aligned at one of the two stops with the opening for docking and which is closed at the other stop by the outer cover section. The treatment drum can be tilted about a tilting axis perpendicular to its central axis by means of a tilting unit.

IPC 1-7

**B02C 15/00**; **G21F 9/28**; **G21C 21/02**; **B02C 17/18**

IPC 8 full level

**B02C 15/00** (2006.01); **B02C 17/18** (2006.01); **G21C 21/02** (2006.01); **G21F 9/28** (2006.01)

CPC (source: EP US)

**B02C 17/18** (2013.01 - EP US)

Citation (search report)

- US 3644104 A 19720222 - MANEVY GEORGES, et al
- US 3825230 A 19740723 - FRYE J, et al
- GB 1194624 A 19700610 - EURATOM [BE]

Cited by

EP0895249A1; WO9609894A1

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DE FR GB

DOCDB simple family (publication)

**EP 0100989 A2 19840222**; **EP 0100989 A3 19850821**; **EP 0100989 B1 19870422**; BE 897464 A 19831201; DE 3230039 A1 19840216; DE 3230039 C2 19841108; DE 3371043 D1 19870527; US 4582268 A 19860415

DOCDB simple family (application)

**EP 83107566 A 19830801**; BE 211302 A 19830804; DE 3230039 A 19820812; DE 3371043 T 19830801; US 52170383 A 19830809