

Title (en)

APPARATUS FOR HEATING SAND, GRAVEL OR SIMILAR GRANULAR MATERIALS

Publication

**EP 0031559 A3 19820113 (DE)**

Application

**EP 80108049 A 19801219**

Priority

FI 794084 A 19791228

Abstract (en)

[origin: EP0031559A2] 1. Apparatus for heating sand, gravel or similar granular material, comprising arcuately profiled channels (22) arranged in a receptacle (1) containing the material to be heated for feeding a heating gas into the material, and further arcuately profiled channels (22) for discharging the heating gas from the material, characterized in that the arcuately profiled channels (22) which serve to feed the gas into the material as well as the arcuately profiled channels (22) which serve to evacuate the gas from the material are grouped in alternately laterally adjacent batteries (2, 3) each comprising several vertically superposed arcuately profiled channels and forming vertical partition walls between which the material to be heated is arranged in relatively thin layers (5).

IPC 1-7

**B28C 7/00**; **F28C 3/14**

IPC 8 full level

**B28C 7/00** (2006.01); **F28C 3/14** (2006.01)

CPC (source: EP)

**B28C 7/003** (2013.01); **F28C 3/14** (2013.01)

Citation (search report)

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FR2570639A1; US6424153B1; CN116750359A; WO2007128931A3

Designated contracting state (EPC)

AT DE NL SE

DOCDB simple family (publication)

**EP 0031559 A2 19810708**; **EP 0031559 A3 19820113**; **EP 0031559 B1 19840530**; AT E7671 T1 19840615; DE 3068080 D1 19840705; DK 553480 A 19810629; FI 58758 B 19801231

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**EP 80108049 A 19801219**; AT 80108049 T 19801219; DE 3068080 T 19801219; DK 553480 A 19801223; FI 794084 A 19791228