

Title (en)

COOLING GRID FOR A BULK MATERIAL COOLING DEVICE

Title (de)

KÜHLROST FÜR EINEN SCHÜTTGUTKÜHLER

Title (fr)

GRILLE REFRIGERANTE DE DISPOSITIF REFRIGERANT POUR MATERIAU EN VRAC

Publication

**EP 1373817 B2 20070808 (DE)**

Application

**EP 02759796 A 20020405**

Priority

- DE 10117225 A 20010406
- EP 0203805 W 20020405

Abstract (en)

[origin: US2004185408A1] A cooling grate for a bulk-material cooler, in particular for combustion material (8) such as cement clinker, of which the top side forms a carrying surface which supports the combustion material (8) which is to be cooled, the cooling grate (1) being made up of a plurality of fixed shaped profiles (4) which partially engage one over the other and between which gas-throughflow channels (5) are formed, it being the case that the shaped profiles (4) are of the same shape and have a central part (41) and outer parts (42, 43) which are angled in opposite directions to the central part (41), the shaped profiles (4) being arranged such that in each case one of the gas-throughflow channels (5) is formed between in each case one of the outer parts (42', 43) of two directly adjacent shaped profiles (4, 4'). There is preferably provided a support (3) which has position-defining mounts (36) for the shaped profiles (4).

IPC 8 full level

**F27D 15/00** (2006.01); **F27D 15/02** (2006.01)

CPC (source: EP US)

**F27D 15/02** (2013.01 - EP US); **F27D 15/0213** (2013.01 - EP US); **F27D 15/022** (2013.01 - EP US)

Citation (opposition)

Opponent :

US 1802960 A 19310428 - SIMONDS FRANCIS M

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