

Title (en)

METHOD AND APPARATUS FOR INCREASING AND REALIZING HEAT EXCHANGES ON A PULVERULENT MATERIAL HAVING A LARGE GRANULOMETRIC DISTRIBUTION

Publication

**EP 0091353 B1 19850814 (FR)**

Application

**EP 83400637 A 19830328**

Priority

FR 8205806 A 19820402

Abstract (en)

[origin: EP0091353A1] 1. Device for lifting and cooling a finely divided material whose granulometry spreads over a wide range, characterized in that it is constituted by a column (1) provided at its base with a fluidization grate (2), under which is provided an air-chamber (3) whose upper part communicates with a collector (5) for the material, with admission means (4) for the material placed above said grate (2) and with a central transfer tube (6) whose base (6a) is situated at an adjustable distance (d) from a gas injecting nozzle (7) directed towards the tube, said central tube emerging into an auxiliary collecting and speed reducing chamber (8) itself being connected to said collector (5).

IPC 1-7

**F28C 3/16**

IPC 8 full level

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CPC (source: EP)

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