

Title (en)
APPARATUS FOR HEAT-TREATING OF PARTICULAR MATERIAL

Publication
EP 0124390 B1 19870616 (FR)

Application
EP 84400574 A 19840321

Priority
FR 8304771 A 19830323

Abstract (en)
[origin: EP0124390A1] 1. Installation of heat treatment of any sort of divided products and of the type comprising a heating means connected with product feeding means (2) to be treated and with an enclosure (10) of heat treatment of that product which exhibits a cyclone-shaped lower part (17), from where the product is coming out to arrive to a cooler (20) connected with a source of cold air and the lower part (24) of which exhibits a cyclone shape too, characterized in that the heating means is a burner (1) in counter-rotation of combusive air and of combustible gas connected with an oven (15) made up of a volute (16) mounted at the top part of the thermal enclosure (10), whereas the source of cold air is made up of a cap (25) connected with the exit of the enclosure (10) and comprising at least two cold air inlets (26) which provide in the cap (25) an air flow in counter-rotation mixing and cooling down the products coming out from the enclosure (10), the said cap being connected with a volute (23) mounted at the top part (22) of the cooler (20).

IPC 1-7
F26B 17/10; **F26B 13/02**; **F26B 3/18**

IPC 8 full level
F26B 3/18 (2006.01); **F26B 13/02** (2006.01); **F26B 17/10** (2006.01); **F26B 23/02** (2006.01)

CPC (source: EP)
F26B 3/18 (2013.01); **F26B 17/10** (2013.01); **F26B 23/02** (2013.01)

Cited by
KR100773018B1; CN107904829A; WO9008296A1

Designated contracting state (EPC)
AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0124390 A1 19841107; **EP 0124390 B1 19870616**; AT E27856 T1 19870715; CA 1261619 A 19890926; DE 124390 T1 19850814; DE 3464284 D1 19870723; FR 2543280 A1 19840928; FR 2543280 B1 19871204

DOCDB simple family (application)
EP 84400574 A 19840321; AT 84400574 T 19840321; CA 449998 A 19840320; DE 3464284 T 19840321; DE 84400574 T 19840321; FR 8304771 A 19830323