

Title (en)
Dryer for earthenware products

Title (de)
Trockner für Tonwaren

Title (fr)
Séchoir pour produits en terre cuite

Publication
EP 0732559 B1 19990728 (FR)

Application
EP 96400523 A 19960314

Priority
FR 9502949 A 19950314

Abstract (en)
[origin: EP0732559A1] The procedure for ventilation drying of terracotta products which are baked in an oven consists in placing the products (6) on small width racks (3). The racks are stacked to form a long narrow rows (2). These rows are then placed in a drying area (1) so that each row is enclosed by two spaces (A,B), one pressurised and the other under vacuum in order that the drying air passes through the rows. For better control of air circulation casings (4) with openings (5) are located in the spaces. The air stream is temperature and humidity adjusted and partially recycled. Periodically the air flow circulation is reversed during the same drying cycle. The racks have a width of the order of 40 cm, corresponding to the dimensions of a brick or tile. In this way each row constitutes a wall whose thickness is determined by the width of the rack. Its length is determined by the length of the drying area. The terracotta products all receive the same quantity of drying air at the same temperature and humidity.

IPC 1-7
F26B 21/04; **F26B 15/14**

IPC 8 full level
F26B 15/14 (2006.01); **F26B 21/02** (2006.01); **F26B 21/04** (2006.01)

CPC (source: EP)
F26B 15/14 (2013.01); **F26B 21/022** (2013.01); **F26B 21/04** (2013.01)

Cited by
EP1167907A1; EP0877220A3; ITMO20090074A1; FR2787179A1; CN107289768A

Designated contracting state (EPC)
AT BE DE ES FR GR IT NL PT

DOCDB simple family (publication)
EP 0732559 A1 19960918; **EP 0732559 B1 19990728**; AT E182672 T1 19990815; DE 69603391 D1 19990902; DE 69603391 T2 20000406; FR 2731782 A1 19960920; FR 2731782 B1 19970530

DOCDB simple family (application)
EP 96400523 A 19960314; AT 96400523 T 19960314; DE 69603391 T 19960314; FR 9502949 A 19950314