

Title (en)

DEVICE FOR SUPPORTING ARTICLES TO BE FIRED THAT HAS A DEFINED COMPENSATION OF THERMAL EXPANSIONS

Title (de)

BRENNGUTTRAGEVORRICHTUNG MIT DEFINIERTEM AUSGLEICH VON WÄRMEDEHNUNGEN

Title (fr)

DISPOSITIF POUR PORTER DES PRODUITS A CUIRE, PRESENTANT UNE COMPENSATION DEFINIE DE LA DILATATION THERMIQUE

Publication

EP 1842017 B1 20120829 (DE)

Application

EP 06706400 A 20060125

Priority

- EP 2006000639 W 20060125
- DE 102005003501 A 20050125

Abstract (en)

[origin: DE102005003501A1] A rack supports green ceramic products during the stacking, transport and firing processes. The rack consists of uprights (3) and horizontal beams (6) resting on a loose-mounted transverse pin (13) within an elongated slot (14). The rack rests on a rail-mounted trolley that is advanced into a kiln prior to firing. The slots are roughly semi-circular and have rounded corners.

IPC 8 full level

F27D 5/00 (2006.01); **C21D 9/00** (2006.01)

CPC (source: EP US)

F27D 5/0006 (2013.01 - EP US); **C21D 9/0025** (2013.01 - EP US)

Cited by

EP3287727A1

Designated contracting state (EPC)

CZ FR HU IT

DOCDB simple family (publication)

DE 102005003501 A1 20060727; **DE 102005003501 B4 20140904**; CN 101142457 A 20080312; CN 101142457 B 20100616; EP 1842017 A1 20071010; EP 1842017 B1 20120829; JP 2008528919 A 20080731; US 2008138754 A1 20080612; US 8087931 B2 20120103; WO 2006079518 A1 20060803

DOCDB simple family (application)

DE 102005003501 A 20050125; CN 200680008713 A 20060125; EP 06706400 A 20060125; EP 2006000639 W 20060125; JP 2007552568 A 20060125; US 81478406 A 20060125