

Title (en)

SUPPORTING DEVICE FOR ARTICLES TO BE FIRED THAT HAS AN ELASTIC SUPPORT FIXING

Title (de)

BRENNGUTTRAGEVORRICHTUNG MIT ELASTISCHER STÜTZENFIXIERUNG

Title (fr)

DISPOSITIF POUR PORTER DES PRODUITS A CUIRE, DOTE D'UNE FIXATION SUPPORT ELASTIQUE

Publication

EP 1842018 B1 20090603 (DE)

Application

EP 06706401 A 20060125

Priority

- EP 2006000640 W 20060125
- DE 102005003500 A 20050125

Abstract (en)

[origin: DE102005003500A1] A rack supports green ceramic products during the stacking, transport and firing processes. The rack has uprights that rest in a box base to which they are attached by spring (6) mounted steel plates (7, 8, 9). The tension applied to the springs is adjusted by screw bolts (4). The springs are rated 500 to 2000 N. The steel plates are thermally de-coupled from the sleeve (3) by ceramic thermal insulation of e.g. ceramic hard fibres or a layer of mica.

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

CN105775323A

Designated contracting state (EPC)

CZ FR HU IT

DOCDB simple family (publication)

DE 102005003500 A1 20060727; CN 100575846 C 20091230; CN 101175965 A 20080507; EP 1842018 A1 20071010; EP 1842018 B1 20090603; JP 2008528920 A 20080731; US 2008193891 A1 20080814; US 7717705 B2 20100518; WO 2006079519 A1 20060803

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DE 102005003500 A 20050125; CN 200680008720 A 20060125; EP 06706401 A 20060125; EP 2006000640 W 20060125; JP 2007552569 A 20060125; US 81478706 A 20060125