

Title (en)  
Device for firing earthenware without capsules.

Title (de)  
Vorrichtung zum kapsellosen Brennen von Geschirr.

Title (fr)  
Dispositif de cuisson sans capsules de vaisselle.

Publication  
**EP 0344525 A1 19891206 (DE)**

Application  
**EP 89108919 A 19890518**

Priority  
DE 3818854 A 19880603

Abstract (en)  
[origin: JPH02103396A] PURPOSE: To ensure an apparatus capable of effective use of a kiln space to the utmost, and accelerate insertion/removal of a shuttle, and further automatize a process if possible, by supporting each press cutting blade with two support sections, and setting the ratio of the number of the cutting blades and the number of plates to be 1:1. CONSTITUTION: Four press cutting blades 2 are engaged with four support sections 1, and a baked pan 3 is disposed on the press cutting blades 2. The width of a central portion 9 corresponds to a support surface of the pan 3, and the width of the press cutting blade is tapered toward opposite ends thereof. The pan 3 is adapted to be movable to a side 4. Further, the support section forms a triangle, in which a locking mechanism 5 and a groove 6 are overlapped each other upon assembling a plurality of the press cutting blades to achieve the roll of a press type displacement collating apparatus of the support sections. Thus, many support sections can be overlapped each other without slip and any other risk of an unstable state, and many movable setting shelves can be overlapped in a stable state by employing the press cutting blade 2 inserted into a groove 7.

Abstract (de)  
Die vorliegende Erfindung betrifft eine Vorrichtung zum kapsellosen Brennen von Geschirr bestehend aus Setzplatten (2) und Einzelstützen (1), welche als von den Setzplatten (2) getrennte Bauteile ausgebildet sind, wobei jede Setzplatte (2) von zwei Einzelstützen (1) getragen wird und das Verhältnis von Setzplatten- zu Einzelstützenzahl 1:1 beträgt.

IPC 1-7  
**F27D 5/00**

IPC 8 full level  
**C04B 33/32** (2006.01); **F27D 3/12** (2006.01); **F27D 5/00** (2006.01)

CPC (source: EP US)  
**F27D 5/0025** (2013.01 - EP US)

Citation (search report)

- DE 3148028 A1 19830609 - PETER HUBERTUS DR, et al
- DE 3158028 A
- GB 1328823 A 19730905 - HEWITT SON FENTON LTD J
- DE 2012532 A1 19701001
- FR 2283408 A1 19760326 - GINORI CERAMICA ITAL SPA [IT]
- DE 2351691 A1 19750417 - ANNAWERK GMBH

Cited by  
DE19821635B4

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

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**EP 0344525 A1 19891206**; BR 8902545 A 19900123; DE 3818854 A1 19900111; DE 3818854 C2 19901220; JP H02103396 A 19900416; US 5222890 A 19930629

DOCDB simple family (application)  
**EP 89108919 A 19890518**; BR 8902545 A 19890602; DE 3818854 A 19880603; JP 13934289 A 19890602; US 36062989 A 19890601