Title (en)
Method for ceramic wave foot grinding.

Title (de)
Verfahren zum Schleifen der Standflächen keramischer Artikel.

Title (fr)
Méthode pour le meulage des surfaces de support d'articles en céramique.

Publication
EP 0488143 B1 19950412 (DE)

Application
EP 91120146 A 19911126

Priority
DE 4038031 A 19901129

Abstract (en)
[origin: EP0488143A1] In the case of large round, oval or cornered objects, it is necessary for stability reasons during fire to create a further supporting point in the centre of the underside of the article in addition to the normal article foot. For this reason, a wave foot which can have the form of a web is integrally formed. Articles with this base configuration were hitherto ground by hand in a break-off machine. In contrast, the invention provides for the articles to be ground automatically by the articles, shown as oval plates 12, being placed with the corresponding work holders 14 on a rotary table 18 with six stations I, II, III, IV, V and VI. In station II, the wave foot 16 is ground with a grinding belt; and the plate foot 17 is ground in stations III, IV and V. For this purpose, the plates 12 or their work holders rotate eccentrically to the grinding tool at least in station II. <IMAGE>

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B24B 1/04 (2006.01); **B24B 19/00** (2006.01); **B24B 21/22** (2006.01); **B24B 27/00** (2006.01)

CPC (source: EP)
B24B 1/04 (2013.01); **B24B 19/008** (2013.01); **B24B 21/22** (2013.01); **B24B 27/0023** (2013.01)

Citation (examination)
- DE 3636602 A1 19870604 - VE WISSENSCHAFTLICH TECH BETRI [DD]
- WO 8903279 A1 19890420 - EXTRUDE HONE CORP [US]

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CN103522155A; EP0662365A1; CN116604425A; EP2551053A1; CN109822429A; EP0678358A1

Designated contracting state (EPC)
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EP 91120146 A 19911126; DE 4038031 A 19901129; DE 59105170 T 19911126