

Title (en)
METHOD AND APPARATUS FOR MECHANICALLY GRINDING AND POLISHING A SURFACE OF A MINERAL MATERIAL, ESPECIALLY GLASS

Publication
EP 0257013 A3 19880511 (FR)

Application
EP 87870115 A 19870818

Priority
• BE 217058 A 19860819
• BE 8700437 A 19870422

Abstract (en)
[origin: EP0257013A2] The mechanical grinding and/or polishing of a glass surface (1) is advantageously effected with the aid of a frustoconical or toroidal grinding wheel (4) provided with an annular band (3) of abrasive material mounted off-centred with respect to an axis of rotation (5) of the grinding wheel (4). The axis (5) is inclined with respect to an axis of rotation (2) of the surface (1) to be treated, so as to apply the said grinding wheel (4) along a contact generatrix (7) against the surface (1) to be polished under a specified pressure (Figure 1). <IMAGE>

IPC 1-7
B24B 19/00; **B24B 29/04**

IPC 8 full level
B24B 7/24 (2006.01); **B24B 19/00** (2006.01); **B24B 29/04** (2006.01)

CPC (source: EP)
B24B 7/241 (2013.01); **B24B 19/006** (2013.01); **B24B 29/04** (2013.01)

Citation (search report)
• [X] US 3624969 A 19711207 - DALTON ERNEST T
• [A] US 2676439 A 19540427 - DYSART BAKER DAN
• [A] EP 0124161 A2 19841107 - PACINI ERMANNO
• [AD] BE 696828 A 19670918
• [A] US 3007288 A 19611107 - BREWIN JOHN D
• [A] FR 1268852 A 19610804 - FORTUNA WERKE SPEZIALMASCHINEN
• [A] US 3030744 A 19620424 - MUELLER ALVIN E
• [A] US 3119210 A 19640128 - DOEDEN ROLAND E
• [A] US 3742653 A 19730703 - NIITAKA S, et al
• [A] DE 2016615 A1 19711028

Cited by
BE1002432A4; EP0868976A3; CN102452034A; US5514025A; CN117020911A; CN117067051A; CN108789124A; CN110788698A; CN113681440A; CN102601691A; CN114425737A

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

DOCDB simple family (publication)
EP 0257013 A2 19880224; **EP 0257013 A3 19880511**; **EP 0257013 B1 19920102**; DE 3775655 D1 19920213; JP H01121159 A 19890512

DOCDB simple family (application)
EP 87870115 A 19870818; DE 3775655 T 19870818; JP 20428887 A 19870819