

Title (en)

POLISHING SYSTEM FOR A PIECE OF A WATCHCASE

Title (de)

POLIERSYSTEM FÜR EIN TEIL EINES UHRENGEHÄUSES

Title (fr)

SYSTÈME DE POLISSAGE D'UNE PIÈCE D'HABILLAGE POUR UNE PIÈCE D'HORLOGERIE

Publication

EP 2686134 B1 20141022 (FR)

Application

EP 12704793 A 20120217

Priority

- EP 11158458 A 20110316
- EP 2012052743 W 20120217
- EP 12704793 A 20120217

Abstract (en)

[origin: EP2500135A1] The system (21) has a fixing device (25) including a support (31) for holding a crystalline alumina cover part. A grinding device (27) comprises abrasive units (33) e.g. grindstone, rotatably mounted around a first rotation axis (A3), and polishes the part along a first curvature (C1). The fixing device comprises moving units for moving the support such that the support causes reciprocating movement (B) along a second rotation axis (A4). A contact surface of the abrasive units is curved so as to polish the part along a second curvature (C2) in addition to the first curvature. The cover part is made of sapphire, corundum or ruby materials.

IPC 8 full level

B24B 13/04 (2006.01); **B24B 29/00** (2006.01); **B24B 47/02** (2006.01); **B24B 47/04** (2006.01); **G04D 3/06** (2006.01)

CPC (source: EP US)

B24B 13/02 (2013.01 - EP US); **B24B 13/04** (2013.01 - EP US); **B24B 29/00** (2013.01 - EP US); **B24B 47/02** (2013.01 - EP US); **B24B 47/04** (2013.01 - EP US); **G04D 3/06** (2013.01 - EP US)

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