

Title (en)

Wear resistant transparent watch crystal and watch case provided with the same

Title (de)

Durchsichtiges und kratzfestes Uhrenglas und ein mit diesem Glas versehenes Uhrengehäuse

Title (fr)

Verre de montre inrayable et transparent et boîte de montre équipée d'un tel verre

Publication

EP 0854403 B1 20050629 (FR)

Application

EP 97100591 A 19970116

Priority

EP 97100591 A 19970116

Abstract (en)

[origin: EP0854403A2] The transparent watch glass (18) is made from polycrystalline diamond, can be flat or convex - either spherical or cylindrical - and is between 0.5 and 2 mm thick. A watch case can be made from top and bottom convex glasses joined to a surround. The polycrystalline diamond is obtained, for example, by chemical deposition of a vapour phase on a graphite substrate of the required shape, coated with silicon carbide, and polishing it.

IPC 1-7

G04B 39/00

IPC 8 full level

G04B 39/00 (2006.01)

CPC (source: EP)

G04B 39/006 (2013.01)

Citation (examination)

- CH 632891 G A3 19821115
- FR 1238069 A 19601130 - DALLOZ FRERES ETS
- CH 554014 A 19740913

Cited by

WO2005047989A3

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0854403 A2 19980722; EP 0854403 A3 19991201; EP 0854403 B1 20050629; AT E298900 T1 20050715; DE 69733633 D1 20050804; DE 69733633 T2 20060518

DOCDB simple family (application)

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