

Title (en)

WRIST WATCH WITH PARTS COVERED BY AN EXTRA HARD MATERIAL

Publication

**EP 0199207 B1 19890419 (FR)**

Application

**EP 86104955 A 19860410**

Priority

CH 161685 A 19850416

Abstract (en)

[origin: US4674892A] The watch case of this inveniton includes means for fixing the crystal to the case having surfaces exposed at the exterior of the watch thus susceptible to being scratched. Such visible surfaces are protected by an armour formed essentially of a substrate made from a metallic carbide and a material covering the substrate such material having a hardness greater than 5000 HV0.25.

IPC 1-7

**G04B 37/22**; **G04B 39/00**

IPC 8 full level

**G04B 37/16** (2006.01); **G04B 37/14** (2006.01); **G04B 37/22** (2006.01); **G04B 39/02** (2006.01)

CPC (source: EP US)

**G04B 37/22** (2013.01 - EP US); **G04B 39/02** (2013.01 - EP US)

Citation (examination)

- EP 0127111 A1 19841205 - OMEGA SA [CH]
- DD 148349 A1 19810520 - EBERSBACH GERHARD, et al
- DE 2339858 A1 19740214 - METALEM SA
- US 3242664 A 19660329 - MARC LEDERREY

Cited by

US6111821A; EP0854403A3; CH685035GA3; EP0844539A1; EP2261757A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0199207 A1 19861029**; **EP 0199207 B1 19890419**; CH 659168G A3 19870115; DE 3662954 D1 19890524; HK 97692 A 19921211; JP H0823593 B2 19960306; JP S61241687 A 19861027; SG 37092 G 19920522; US 4674892 A 19870623

DOCDB simple family (application)

**EP 86104955 A 19860410**; CH 161685 A 19850416; DE 3662954 T 19860410; HK 97692 A 19921203; JP 8624086 A 19860416; SG 37092 A 19920401; US 85226286 A 19860415