

Title (en)
WATCH

Title (de)
WATCH

Title (fr)
MONTRE

Publication
EP 2082014 A2 20090729 (FR)

Application
EP 07816221 A 20071031

Priority
• CH 2007000538 W 20071031
• EP 06405460 A 20061102
• EP 07816221 A 20071031

Abstract (en)
[origin: WO2008052378A2] The invention relates to a timepiece, mainly a mechanical timepiece, in which at least certain mobile parts are lubricated by agents or compounds having a very low friction coefficient. The timepiece includes a first part capable of relative sliding movement on a second part, the first part being made of an oxide or comprising an oxide surface layer. The timepiece also includes on the sliding surface of the first part at least one compound containing one or more hydrophilic groups selected from C₃-C₉ polyols having at least one third of -OH groups relative to the number of carbon atoms. The first part may consist of ruby or zirconia and the second part of steel or vice-versa, and the compound containing one or more hydrophilic groups may consist of glycerol or aqueous glycerol.

IPC 8 full level
C10M 105/14 (2006.01); **C10M 173/02** (2006.01); **G04B 15/14** (2006.01); **G04B 31/08** (2006.01); **C10N 30/06** (2006.01); **C10N 40/06** (2006.01)

CPC (source: EP)
C10M 105/14 (2013.01); **C10M 173/02** (2013.01); **G04B 15/14** (2013.01); **G04B 31/08** (2013.01); **C10M 2207/022** (2013.01); **C10M 2207/0225** (2013.01); **C10N 2030/06** (2013.01); **C10N 2040/06** (2013.01)

Citation (search report)
See references of WO 2008052378A2

Cited by
EP2687580A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008052378 A2 20080508; **WO 2008052378 A3 20080814**; CH 698230 B1 20110114; EP 2082014 A2 20090729; EP 2082014 B1 20180214

DOCDB simple family (application)
CH 2007000538 W 20071031; CH 5252009 A 20071031; EP 07816221 A 20071031