

Title (en)
WATCH ASSEMBLY HAVING AT LEAST TWO CONTACTING ELEMENTS

Title (de)
UHRENANORDNUNG MIT MINDESTENS ZWEI KONTAKTELEMENTEN

Title (fr)
ENSEMBLE HORLOGER D'AU MOINS DEUX ÉLÉMENTS EN CONTACT

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Application
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Abstract (en)
[origin: WO2021005564A1] The present invention provides a watch assembly comprising at least two contacting elements (1) which are movable relative to one another, one of the elements having at least a first contact surface intended to rub against at least one second contact surface of the other element under dry lubrication conditions. At least one of the first and second contact surfaces (2) is covered with a hydrophobic coating (3) having a contact angle with water greater than 90°, preferably greater than 100°, and preferably greater than 110°, and a friction coefficient less than 0.15, preferably less than 0.12, and preferably less than 0.1, the variation of the friction coefficient according to the relative humidity being less than 25%, preferably less than 10%, and preferably less than 5%.

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