

Title (en)
METHOD FOR MANUFACTURING A MICROMECHANICAL COMPONENT, IN PARTICULAR A TIMEPIECE MOBILE HAVING AN OPTIMISED SURFACE

Title (de)
HERSTELLUNGSVERFAHREN EINES MIKROMECHANISCHEN BAUTEILS, INSBESONDERE EINES UHRWERKS MIT OPTIMIERTER OBERFLÄCHE

Title (fr)
PROCEDE DE FABRICATION D'UN COMPOSANT DE MICROMECHANIQUE, NOTAMMENT D'UN MOBILE D'HORLOGERIE, DONT LA SURFACE EST OPTIMISEE

Publication
EP 4214581 A1 20230726 (FR)

Application
EP 21769741 A 20210831

Priority
• EP 20196228 A 20200915
• EP 2021074027 W 20210831

Abstract (en)
[origin: WO2022058160A1] Method for manufacturing a timepiece mobile, in which a substrate is produced with a first material comprising at least nickel and phosphorus, the substrate is shaped to the geometry of the mobile, and the substrate is galvanically or chemically coated, on at least one surface of the mobile substrate, with at least one second material which constitutes the peripheral layer of the mobile on the at least one surface of the mobile substrate, and which comprises at least nickel and which has less phosphorus than the first material, or which comprises nickel and lacks phosphorus.

IPC 8 full level
G04B 15/14 (2006.01); **G04B 31/08** (2006.01)

CPC (source: EP KR US)
G04B 15/14 (2013.01 - EP KR US); **G04B 31/08** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2022058160A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 3968095 A1 20220316; CN 116075781 A 20230505; EP 4214581 A1 20230726; JP 2023534523 A 20230809; KR 20230044271 A 20230403; US 2023288872 A1 20230914; WO 2022058160 A1 20220324

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EP 20196228 A 20200915; CN 202180063007 A 20210831; EP 2021074027 W 20210831; EP 21769741 A 20210831; JP 2023503437 A 20210831; KR 20237006768 A 20210831; US 202118006672 A 20210831