

Title (en)
MECHANISM FOR A TIMEPIECE INDICATING A MAXIMUM VALUE OF A MEASURED PHYSICAL MAGNITUDE AND TIMEPIECE COMPRISING SUCH A MECHANISM

Title (de)
UHRMECHANISMUS, DER EINEN MAXIMALEN WERT EINER GEMESSENEN PHYSIKALISCHEN GRÖSSE ANZEIGT, UND UHR MIT EINEM SOLCHEN MECHANISMUS

Title (fr)
MECANISME DE PIECE D'HORLOGERIE INDICANT UNE VALEUR MAXIMALE D'UNE GRANDEUR PHYSIQUE MESUREE ET PIECE D'HORLOGERIE COMPORTANT UN TEL MECANISME

Publication
EP 4134757 B1 20240529 (FR)

Application
EP 21190613 A 20210810

Priority
EP 21190613 A 20210810

Abstract (en)
[origin: US2023047315A1] Provided is an ambient physical variable measuring device (5) including an element configured to mechanically deform under the effect of a variation of a physical variable to rotate a physical variable measured value indication train including a physical variable maximum value display wheel (21). An indexing mechanism (40) to index the position of a physical variable maximum value display train (24) at each advance, the indexing mechanism (40) comprising a blocking organ (41) cooperating with an indexing wheel assembly (43). The the indexing wheel assembly (43) is kinematically connected to the physical variable maximum value display wheel (21) by a gear train T1, T2 and in that the gear ratio of the gear train T1, T2 between the physical variable maximum value display wheel (21) and the indexing wheel assembly (43) is a multiplication ratio.

IPC 8 full level
G04B 47/06 (2006.01)

CPC (source: EP US)
G04B 13/027 (2013.01 - US); **G04B 47/066** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 4134757 A1 20230215; EP 4134757 B1 20240529; CN 115877691 A 20230331; JP 2023025662 A 20230222; JP 7344346 B2 20230913; US 2023047315 A1 20230216

DOCDB simple family (application)
EP 21190613 A 20210810; CN 202210854435 A 20220715; JP 2022094171 A 20220610; US 202217740462 A 20220510