

Title (en)
MECHANICAL DIGITAL DISPLAY FOR A TIMEPIECE

Title (de)
MECHANISCHE DIGITALE ANZEIGE FÜR UHR

Title (fr)
AFFICHAGE DIGITAL MÉCANIQUE POUR PIÈCE D'HORLOGERIE

Publication
EP 3637199 B1 20210616 (FR)

Application
EP 19195637 A 20190905

Priority
EP 18199518 A 20181010

Abstract (en)
[origin: JP2020060561A] To provide a mechanical digital display which is applicable to a wrist watch case in a conventional size and can achieve the various display.SOLUTION: A digital display mechanism for displaying in an alphanumeric character segment the scale of the integer number with an instantaneous value decided according to the output of the timepiece movement includes an uninterrupted display support body 3. The uninterrupted display support body 3 is guided along a specific locus by guide means 5, driven in the at least one movement direction by drive means, and includes at least a first display surface 6 and a second display surface 7 that are different from each other. Each of the first surface 6 and the second surface 7 forms only a portion of the alphanumeric character symbols, numbers or characters, and is constituted so as to be seen by a user of a timepiece. Each uninterrupted display support body 3 is a sawtooth-like belt which is driven by a sawtooth-like pinion fitted to the sawtooth shape of the belt, or a chain that is driven by a pinion fitted to a connection part of the ring of the chain.SELECTED DRAWING: Figure 11

IPC 8 full level
G04B 19/20 (2006.01)

CPC (source: CN EP US)
G04B 19/00 (2013.01 - CN); **G04B 19/207** (2013.01 - EP); **G04B 19/24** (2013.01 - CN); **G04C 3/008** (2013.01 - US);
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