

Title (en)
Retrograde display mechanism for timepiece

Title (de)
Zurückstellende Anzeigevorrichtung für Uhren

Title (fr)
Mécanisme d'affichage rétrogradant pour montres

Publication
EP 1462875 A2 20040929 (FR)

Application
EP 04006463 A 20040318

Priority
CH 5352003 A 20030327

Abstract (en)
The mechanism has a star wheel (1) with succession of points having flanks (B, C) against which a feeler integrated to a needle support itself under action of a spring (2). The flanks are dimensioned according to data to be displayed. An abutment stops backward rotation of hour wheel under action of the spring, after that the feeler terminates its action on the flank (B) and fall again on a next flank for a new cycle.

Abstract (fr)
Le mécanisme comprend une étoile (1) solidaire d'une roue dentée (R2) l'étoile présentant une succession de pointes présentant chacune un flanc (B, C,...) contre laquelle un palpeur (3), monté sur un canon (7) avec une aiguille (6) et un ressort (2) , vient s'appuyer.

IPC 1-7
G04B 19/02

IPC 8 full level
G04B 1/00 (2006.01); **G04B 19/02** (2006.01); **G04B 19/08** (2006.01)

CPC (source: EP)
G04B 19/02 (2013.01); **G04B 19/082** (2013.01)

Cited by
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Designated extension state (EPC)
AL LT LV MK

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EP 04006463 A 20040318; CH 5352003 A 20030327; CN 200410007979 A 20040323; HK 04110135 A 20041222; JP 2004091877 A 20040326; RU 2004109130 A 20040326; SG 200401886 A 20040326