

Title (en)
Timepiece with a chronograph mechanism

Title (de)
Uhr mit Chronographmechanismus

Title (fr)
Pièce d'horlogerie à mécanisme de chronographe

Publication
EP 0772104 B1 19990825 (FR)

Application
EP 96810711 A 19961024

Priority
CH 307795 A 19951031

Abstract (en)
[origin: EP0772104A1] Counters for seconds ,minutes and hours are solidly attached to rotating elements (18,38,41). A clutch mechanism (17) is able to engage the rotating elements with a driven wheel train selectively using a pillar wheel and sprung arms (50,44,45) which operate periodically to displace a clutch disc axially. The clutch mechanism (17) when it operates drives the rotating element representing seconds (18) and this drive is further transmitted to the minutes and hours elements (38,41) through gear trains (35,37,38,35',40,40',41). An indexing pawl (51) is lockable on to a countershaft (37) by a peg in the declutched position.

IPC 1-7
G04F 7/08

IPC 8 full level
G04C 3/14 (2006.01); **G04C 3/00** (2006.01); **G04F 7/08** (2006.01)

CPC (source: EP US)
G04F 7/0814 (2013.01 - EP US); **G04F 7/0828** (2013.01 - EP US); **G04F 7/0847** (2013.01 - EP US)

Cited by
EP3147728A1; SG153779A1; EP1826639A1; EP1136894A1; EP2068211A1; EP2073078A1; EP3825786A1; US10365613B2; EP3944026A1; US7918602B2; US8235584B2; US7614783B2; EP2073079A2; WO2017050888A1

Designated contracting state (EPC)
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EP 0772104 A1 19970507; EP 0772104 B1 19990825; CH 690524 A5 20000929; CN 1084490 C 20020508; CN 1154498 A 19970716; DE 69603927 D1 19990930; DE 69603927 T2 20000113; ES 2136381 T3 19991116; HK 1000560 A1 20020913; JP 3316147 B2 20020819; JP H09178868 A 19970711; US 5793708 A 19980811

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