

Title (en)
Alarm device for timepieces

Title (de)
Schlagwerk für Uhren

Title (fr)
Dispositif d'entraînement de sonnerie

Publication
EP 2309348 B1 20160720 (FR)

Application
EP 11152451 A 20051205

Previously filed application
05026447 20051205 EP

Priority
• EP 05026447 A 20051205
• CH 20852004 A 20041216

Abstract (en)
[origin: EP1672440A2] The device has two independent staffs (30, 31) connected by elastic positioning units constituted by springs (32). A lever (60) locks an alarm bell driving device and an hour keystroke device that include a keystroke wheel (608). The springs permit simultaneous rotation of the staffs as well as wheels (3001, 3104, 3105) or pinions (706, 906) carried by staffs along a rotational direction. An independent claim is also included for a time piece equipped with an alarm device.

IPC 8 full level
G04B 21/12 (2006.01)

CPC (source: EP)
G04B 21/12 (2013.01)

Designated contracting state (EPC)
CH DE FR IT LI

DOCDB simple family (publication)
EP 1672440 A2 20060621; EP 1672440 A3 20101201; EP 1672440 B1 20120801; EP 2309347 A2 20110413; EP 2309347 A3 20111102; EP 2309347 B1 20140903; EP 2309348 A2 20110413; EP 2309348 A3 20111102; EP 2309348 B1 20160720

DOCDB simple family (application)
EP 05026447 A 20051205; EP 11152450 A 20051205; EP 11152451 A 20051205