

Title (en)
Chronograph device with friction coupling

Title (de)
Chronographenvorrichtung mit Reibungskupplung

Title (fr)
Dispositif de chronographe avec embrayage à friction

Publication
EP 2085832 B1 20130410 (FR)

Application
EP 08151029 A 20080204

Priority
EP 08151029 A 20080204

Abstract (en)
[origin: EP2085832A1] The device has lock control units constituting a strain clamp (6), a lifting-lever (7) and an isolation wheel (32) activated by a column wheel (5) to control clutching and locking or releasing of a chronograph arbor (3). A clutch has clutching elements (22) movable in a radial plane that is perpendicular to an axis (2) of the arbor for being elastically applied against a wall (14) rotatively connected to a driving plate (10) under an effect of clutch springs (16). The plate is rotated on the arbor and provided with a gear (11) for being driven in continuous rotation by a watch movement.

IPC 8 full level
G04B 11/00 (2006.01); **G04F 7/08** (2006.01)

CPC (source: EP)
G04B 11/003 (2013.01); **G04F 7/08** (2013.01)

Cited by
EP4163732A1; EP3671370A1; EP3770693A1; CN106896693A; EP2871534A1; JP2019536036A; CN115453843A; RU2739709C1; CN113296383A; EP4202577A1; EP2897002A3; US9298163B2; RU2741490C1; RU2741258C1; JP2021018243A; WO2023119079A1; EP3324249A1; WO2018091476A1; EP3770694A1; EP3407143A1; US11262707B2; US11353826B2; EP3770695A1; EP3770696A1

Designated contracting state (EPC)
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