

Title (en)
CHRONOGRAPH

Title (de)
CHRONOGRAPH

Title (fr)
CHRONOGRAPHE

Publication
EP 2979142 B1 20181121 (DE)

Application
EP 14718758 A 20140326

Priority
• DE 102013103180 A 20130328
• IB 2014060166 W 20140326

Abstract (en)
[origin: WO2014155307A2] The invention relates to a chronograph, comprising a center second hand (1) and a center minute hand (2). The chronograph has a second wheel (3), which has an entraining spring (5), and a pulse-receiving wheel (6), wherein the entraining spring (5) is designed to engage with the pulse-receiving wheel (6). Furthermore, a drive wheel (7) and a zeroing wheel (8) are provided, wherein the zeroing wheel (8) is in constant engagement with the drive wheel (7). The chronograph also comprises a pulse-transmitting wheel (9) and minute wheel (10), wherein the minute wheel (10) is in constant engagement with the pulse-transmitting wheel (9) and the center minute hand (2) is rigidly connected to the minute wheel (10). Finally, a second shaft (4) is provided, wherein the second wheel (3) and the center second hand (1) are rigidly connected to the second shaft (4). According to the invention, the chronograph has a multifunction shaft (18) oriented parallel to the second shaft (4), wherein the pulse-receiving wheel (6), the drive wheel (7), and the pulse-transmitting wheel (9) are coaxially rigidly connected to the multifunction shaft (18).

IPC 8 full level
G04F 7/04 (2006.01); **G04F 7/08** (2006.01)

CPC (source: EP US)
G04F 7/0814 (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102013103180 A1 20141002; DE 102013103180 B4 20141113; CN 105164592 A 20151216; CN 105164592 B 20171128;
EP 2979142 A2 20160203; EP 2979142 B1 20181121; US 10001755 B2 20180619; US 2016011568 A1 20160114;
WO 2014155307 A2 20141002; WO 2014155307 A3 20150129

DOCDB simple family (application)
DE 102013103180 A 20130328; CN 201480019032 A 20140326; EP 14718758 A 20140326; IB 2014060166 W 20140326;
US 201514862602 A 20150923