

Title (en)
TIME SWITCH

Title (de)
SCHALTUHR

Title (fr)
COMMUTATEUR TEMPOREL

Publication
EP 3043218 A1 20160713 (EN)

Application
EP 15199477 A 20151211

Priority
JP 2014265305 A 20141226

Abstract (en)
A time switch (1) includes a case (10), a timer mechanism (60), a battery holder (20), a lid (30), and a tool insertion hole (40). The case (10) accommodates a drive source (50). The timer mechanism (60) is driven by the drive source (50). The battery holder (20) is capable of accommodating a power failure backup battery (25) that supplies power to the drive source (50) during a power failure. The battery holder (20) includes an opening (22) that opens in a front surface or a side surface of the case (10). The lid (30) is capable of opening and closing the opening (22). The tool insertion hole (40) allows for insertion of a tool (100) between the case (10) and the lid (30).

IPC 8 full level
G04C 23/02 (2006.01)

CPC (source: CN EP)
G04C 23/02 (2013.01 - EP); **G04C 23/04** (2013.01 - EP); **H01H 43/022** (2013.01 - CN)

Citation (applicant)
JP 2005063923 A 20050310 - MATSUSHITA ELECTRIC WORKS LTD, et al

Citation (search report)
[X] DE 8235064 U1 19831013

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3043218 A1 20160713; **EP 3043218 B1 20190206**; CN 105742117 A 20160706; CN 105742117 B 20180622; JP 2016126862 A 20160711; JP 6350870 B2 20180704; KR 101772500 B1 20170829; KR 20160079672 A 20160706; TW 201630020 A 20160816; TW I638377 B 20181011

DOCDB simple family (application)
EP 15199477 A 20151211; CN 201511035790 A 20151223; JP 2014265305 A 20141226; KR 20150180944 A 20151217; TW 104140425 A 20151203