

Title (en)
PUSH-BUTTON SWITCH

Title (de)
DRUCKTASTSCHALTER

Title (fr)
BOUTON POUSSOIR

Publication
EP 2057737 A1 20090513 (DE)

Application
EP 07801923 A 20070828

Priority
• EP 2007007500 W 20070828
• DE 102006041226 A 20060902

Abstract (en)
[origin: WO2008028577A1] A push-button switch having a piezoelectric element (10) is proposed, which is arranged between a first electrode (16) and a second electrode (18) such that, when pressure is exerted on the piezoelectric element, an electrical voltage is produced between the first and the second electrode (16, 18). The voltage which is produced between the first and the second electrode (16, 18) of the piezoelectric element (10) is amplified by a suitable amplifier circuit (20), and is supplied, for example, to a control means for a control apparatus for an electronic domestic appliance.

IPC 8 full level
H03K 17/96 (2006.01); **H10N 30/00** (2023.01); **G06F 3/041** (2006.01); **H10N 30/30** (2023.01)

CPC (source: EP US)
D06F 34/30 (2020.02 - EP US); **H03K 17/964** (2013.01 - EP US); **H10N 30/802** (2023.02 - EP US); **H01H 2201/02** (2013.01 - EP US); **H03K 2217/96015** (2013.01 - EP US); **H10N 30/302** (2023.02 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008028577 A1 20080313; CN 101512903 A 20090819; DE 102006041226 A1 20080320; DE 102006041226 B4 20150513; EP 2057737 A1 20090513; US 2010013355 A1 20100121; US 7977851 B2 20110712

DOCDB simple family (application)
EP 2007007500 W 20070828; CN 200780032538 A 20070828; DE 102006041226 A 20060902; EP 07801923 A 20070828; US 43858407 A 20070828