

Title (en)
ELECTRONIC DEVICE

Title (de)
ELEKTRONISCHE VORRICHTUNG

Title (fr)
DISPOSITIF ÉLECTRONIQUE

Publication
EP 4027458 A1 20220713 (EN)

Application
EP 22150111 A 20220104

Priority
• US 202163134186 P 20210106
• CN 202111284065 A 20211101
• CN 202111603375 A 20211224

Abstract (en)
Disclosed is an electronic device (1), including a substrate (10), a first electrode (11), a second electrode (12), a modulation element (13), a first solder (14), and a switch element (15). The first electrode (11) is disposed on the substrate (10). The second electrode (12) is disposed on the substrate (10). The modulation element (13) is disposed on the substrate (10) and includes at least two connecting pads (P1, P2). The first solder (14) is disposed between the first electrode (11) and one connecting pad (P1) of the modulation element (13). The switch element (15) is disposed on the substrate (10). The one connecting pad (P1) of the modulation element (13) is electrically connected to the switch element (15) sequentially through the first solder (14), the first electrode (11), and the second electrode (12).

IPC 8 full level
H01Q 1/22 (2006.01); **H01Q 15/00** (2006.01)

CPC (source: EP)
H01Q 1/2283 (2013.01); **H01Q 15/002** (2013.01); **H01Q 15/0066** (2013.01)

Citation (search report)
• [X] US 2009153421 A1 20090618 - ROFOUGARAN AHMADREZA [US], et al
• [A] US 2019295972 A1 20190926 - TSAI CHUNG-HAO [TW], et al
• [A] US 2003003862 A1 20030102 - YOSHIDA YOSHITAKA [JP], et al

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

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