

Title (en)

HAPTIC BUTTON ASSEMBLY AND A KEYPAD CONTAINING SUCH BUTTON ASSEMBLY

Title (de)

HAPTISCHE TASTENANORDNUNG UND TASTATUR MIT SOLCH EINER TASTENANORDNUNG

Title (fr)

ENSEMBLE BOUTON HAPTIQUE ET CLAVIER CONTENANT UN TEL ENSEMBLE BOUTON

Publication

**EP 4278436 A1 20231122 (EN)**

Application

**EP 21700557 A 20210113**

Priority

EP 2021050550 W 20210113

Abstract (en)

[origin: WO2022152371A1] The invention relates to a haptic button assembly, comprising a housing, at least one button held in the housing and apt to be moved in the activation direction, at least one elastomeric dome shaped member disposed beneath the button having an activating surface, wherein the elastomeric dome shaped member normally maintains an extended equilibrium position and buckles, while the button is pressed contributing to the tactile response of the button, and an electric switch corresponding to said button and cooperating with said activating surface.

IPC 8 full level

**H03K 17/975** (2006.01); **H01H 13/70** (2006.01)

CPC (source: EP)

**H03K 17/975** (2013.01); **H01H 2239/006** (2013.01); **H03K 2217/960755** (2013.01); **H03K 2217/9651** (2013.01)

Citation (search report)

See references of WO 2022152371A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2022152371 A1 20220721**; EP 4278436 A1 20231122

DOCDB simple family (application)

**EP 2021050550 W 20210113**; EP 21700557 A 20210113