

Title (en)

Reconfigurable, reshapeable pushbutton and operating panel with such a pushbutton, in particular for application in a vehicle

Title (de)

Rekonfigurierbare, formveränderliche Taste und Bedienfeld mit einer derartigen Taste, insbesondere zur Verwendung in einem Fahrzeug

Title (fr)

Touche reconfigurable à forme variable et panneau de commande doté d'une telle touche, en particulier pour l'utilisation dans un véhicule

Publication

EP 1850359 B1 20130306 (DE)

Application

EP 07007409 A 20070411

Priority

US 40968606 A 20060424

Abstract (en)

[origin: EP1850359A2] A button (22,24) includes a shape memory polymer that deforms into a memory shape when heated to a given transformation temperature. The polymer forms a dome-shaped central region protruding from the surface plane. It provides a push button function when the button is in the active state. The polymer forms a flat layer extending in the surface plane when the button is in the inactive state. An independent claim is included for a vehicle control panel configuration.

IPC 8 full level

H01H 13/84 (2006.01)

CPC (source: EP US)

H01H 13/84 (2013.01 - EP US); **H01H 61/0107** (2013.01 - EP US); **H01H 2209/08** (2013.01 - EP US); **H01H 2217/022** (2013.01 - EP US); **H01H 2221/068** (2013.01 - EP US)

Cited by

DE102011104951A1; DE102009052928A1; DE102011104951B4; WO2011157701A1; DE102011112966A1; WO2013037446A2; DE102022122148A1; DE102017007596A1; WO2019034205A1; DE102019004208A1; DE102017007596B4; DE102011112965A1; WO2013037447A2; DE102015007822A1; DE102015007822B4; DE102019100694A1; WO2020143869A1; US11408402B2

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

DOCDB simple family (publication)

EP 1850359 A2 20071031; **EP 1850359 A3 20090513**; **EP 1850359 B1 20130306**; US 2007247420 A1 20071025; US 7858891 B2 20101228

DOCDB simple family (application)

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