

Title (en)  
GRID PLATE

Title (de)  
RASTERPLATTE

Title (fr)  
PLAQUE À GRILLE

Publication  
**EP 3602787 A1 20200205 (DE)**

Application  
**EP 18712593 A 20180320**

Priority  
• DE 102017106207 A 20170322  
• EP 2018057072 W 20180320

Abstract (en)  
[origin: WO2018172377A1] The invention relates to an input device (6) for operating a multimedia device (4) depending on the position of a finger of a user on a pressure plate (24), comprising: - the pressure plate (24) which comprises a lower face (50) and an upper face (48) opposite the lower face (50) and on which the user can move their finger, - a regular grid (15) made of tactile elements (26) which can be haptically sensed by the finger of the user and which are formed on the upper face (48) of the pressure plate (24), and - a sensor (62) which is arranged on the lower face (50) of the pressure plate (24) and is designed to output a button selection signal (42) to the multimedia device (4) depending on the position of the finger on the upper face (48).

IPC 8 full level  
**H03K 17/96** (2006.01); **G06F 3/0488** (2013.01)

CPC (source: EP US)  
**G06F 3/016** (2013.01 - US); **G06F 3/0416** (2013.01 - US); **G06F 3/044** (2013.01 - US); **G06F 3/04886** (2013.01 - EP US);  
**H03K 17/96** (2013.01 - EP US); **H03K 2217/96062** (2013.01 - EP US)

Citation (search report)  
See references of WO 2018172377A1

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)  
**WO 2018172377 A1 20180927**; CA 3057241 A1 20180927; DE 102017106207 A1 20180927; EP 3602787 A1 20200205;  
US 11635891 B2 20230425; US 2020026424 A1 20200123

DOCDB simple family (application)  
**EP 2018057072 W 20180320**; CA 3057241 A 20180320; DE 102017106207 A 20170322; EP 18712593 A 20180320;  
US 201816495795 A 20180320