

Title (en)  
Pushbutton assembly.

Title (de)  
Drucktastenanordnung.

Title (fr)  
Assemble de boutons-poussoir.

Publication  
**EP 0669630 A3 19971008 (DE)**

Application  
**EP 95101979 A 19950214**

Priority  
DE 4405754 A 19940223

Abstract (en)  
[origin: EP0669630A2] The push-button device has an elastic switch mat (3) with a number of switch domes (7) carrying respective contacts (8), cooperating with counter-contacts (6) of a circuit board (2), upon operation of the corresponding push-button keys (4). The switch mat has tubular projections (10) receiving guide pins (13) for respective push-button keys, simultaneously acting as bearing points for the relatively long lever arms of the push-button keys, which overlie one another. Pref. each guide pin has a thickened retaining edge (14), engaged by a retaining lip at the end of the respective projection.

IPC 1-7  
**H01H 13/70**

IPC 8 full level  
**H01H 13/705** (2006.01)

CPC (source: EP)  
**H01H 13/705** (2013.01); **H01H 2221/016** (2013.01); **H01H 2229/024** (2013.01); **H01H 2233/014** (2013.01)

Citation (search report)  
• [Y] CA 1188389 A 19850604 - NORTHERN TELECOM LTD  
• [Y] US 4582967 A 19860415 - BRUMIT DALE E [US], et al  
• [A] GB 2118778 A 19831102 - STANDARD TELEPHONES CABLES LTD  
• [A] GB 2084801 A 19820415 - STANDARD TELEPHONES CABLES LTD

Cited by  
EP1156643A3; WO2006070336A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**DE 4405754 A1 19950824**; EP 0669630 A2 19950830; EP 0669630 A3 19971008

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**DE 4405754 A 19940223**; EP 95101979 A 19950214