

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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