

Title (en)
PUSH BUTTON DISPOSITION ON A CIRCUIT BOARD

Publication
EP 0347375 B1 19930915 (DE)

Application
EP 89810409 A 19890601

Priority
CH 227188 A 19880614

Abstract (en)
[origin: EP0347375A1] In a pushbutton arrangement, the electrical contact is made directly to the conductor tracks (6) of a printed circuit board (1) by a snap-action disc (5), the snap-action disc (5) being mounted in a cutout in the spacer (2) and being protected by a covering sheet (3). In order to avoid excessive loads on the covering sheet (3) and the snap-action disc (5), the spacer (2) is constructed as a printed circuit board with a thickness of more than 1 mm to provide space for a transparent protective cap (4) which completely covers, on the one hand, the snap-action disc (5), which is anchored by means of at least two projecting lugs (11) in cutouts (10) in the printed circuit board (1) and which, on the other hand, limits the deformation of the covering sheet (3) and of the snap-action disc (5). Protective cap (4) and covering sheet (3) are illuminated through cutouts (8) on the snap-action disc (5) and through a cutout (7) in the printed circuit board (1). <IMAGE>

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H01H 13/70

IPC 8 full level
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Cited by
EP1465118A3; US6423918B1; DE4213084A1; EP0538199A3; WO9954900A1; WO0022639A1

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