

Title (en)
MACHINE CONTROL PANEL

Publication
EP 0129894 A3 19880120 (EN)

Application
EP 84107245 A 19840625

Priority
US 50874783 A 19830628

Abstract (en)
[origin: EP0129894A2] A machine control panel includes a matrix of pressure sensitive switches (10) and a matrix of LED's (12) in a substantially coplanar array. An aperture array (18) formed by a flexible cover sheet (16) having an opaque coating (20) surrounding a matrix of transparent apertures (18) is positioned on top of the LED and switch array with corresponding ones of the LED's and apertures in alignment. Unused apertures in the aperture matrix corresponding to unused LED's are selectively closed by opaque aperture covers (19). Switch identifying covers in the form of labels (22) are positioned on top of the aperture array to visually indicate selected ones of the switches (16). A flexible transparent overlay located on top of the aperture array may be used to protect the labels and aperture covers while enabling a switch operating pressure to be transferred to the switches.

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H01H 13/70

IPC 8 full level
G06F 3/041 (2006.01); **G06F 3/048** (2013.01); **G06F 3/0488** (2013.01); **H01H 13/702** (2006.01); **H02B 15/00** (2006.01)

CPC (source: EP)
H01H 13/702 (2013.01); **H01H 2219/014** (2013.01); **H01H 2229/022** (2013.01); **H01H 2231/016** (2013.01)

Citation (search report)
• [X] US 4387127 A 19830607 - OGDEN RALPH [US]
• [Y] DE 3049032 A1 19820715 - LICENTIA GMBH [DE]
• [A] US 4317011 A 19820223 - MAZURK LOUIS R
• [A] US 3187321 A 19650601 - KAMENY STANLEY L

Cited by
DE8510855U1; DE3923106A1; EP0284198A3; GB2281476A; GB2281476B; US6659392B2; WO8909956A1; WO03025962A1; WO9112599A1

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