

Title (en)
Luminous-indication key for key boards in office and teleprinting machines.

Title (de)
Taste mit Leuchtanzeige für Tastaturen in Büro- und Fernschreibmaschinen.

Title (fr)
Touche lumineuse pour claviers de machines de bureau et télécriteurs.

Publication
EP 0024620 A1 19810311 (DE)

Application
EP 80104741 A 19800811

Priority
DE 2933983 A 19790822

Abstract (en)
[origin: US4365903A] A lockable key for use on electronic keyboards in office typewriters and teleprinters has a receptacle at an upper portion thereof for receiving a light emitting diode which is mounted in a small circuit board which can be snapped into the upper portion of the key and which is supplied current via flexible interlaced wires. A lower portion of the key has a guide element which cooperates with a guide pin carried on a side of the key base for retaining the upper portion of the key in a depressed state after a first actuation thereof, and for allowing return of the upper portion of the key to the original position after a successive actuation thereof.

Abstract (de)
Leuchttaste für elektronische Tastaturen in Büro- und Fernschreibmaschinen mit einer seitlich im Tastenknopf angeordneten Leuchtdiode (5), die über eine in den Tastenknopf (1), z.B. eingesprengte kleine Leiterplatte (4) und flexible Stromzuführungskabel (6) elektrisch anschließbar ist; ein am Tastenschieber angeformtes Führungsteil (10) bildet zusammen mit einem Kulissenhebel (8) eine einfache mechanische Rasteinrichtung.

IPC 1-7
H01H 9/16; **H01H 13/56**; **B41J 5/12**

IPC 8 full level
G06F 3/02 (2006.01); **B41J 5/12** (2006.01); **H01H 13/02** (2006.01); **H01H 13/56** (2006.01); **H04L 17/04** (2006.01)

CPC (source: EP US)
B41J 5/12 (2013.01 - EP US); **H01H 13/023** (2013.01 - EP US); **H01H 13/562** (2013.01 - EP US)

Citation (search report)

- DE 2438108 A1 19760219 - TELEFONBAU & NORMALZEIT GMBH
- CH 538185 A 19730615 - TRIUMPH WERKE NUERNBERG AG [DE]
- DE 7211412 U 19720706
- [A] DE 7122932 U 19721130
- [A] DE 2433156 B2 19790816

Cited by
US4462708A; EP0508563A1; US5408060A; EP0608204A1; FR2616265A1

Designated contracting state (EPC)
BE CH FR GB IT NL SE

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EP 0024620 A1 19810311; **EP 0024620 B1 19830914**; BR 8005315 A 19810304; DE 2933983 A1 19810326; DE 2933983 C2 19840322; DK 360180 A 19810223; JP S5632627 A 19810402; MX 148453 A 19830422; PT 71723 A 19800901; PT 71723 B 19810629; US 4365903 A 19821228; ZA 805154 B 19810826

DOCDB simple family (application)
EP 80104741 A 19800811; BR 8005315 A 19800821; DE 2933983 A 19790822; DK 360180 A 19800821; JP 11576680 A 19800822; MX 18360380 A 19800820; PT 7172380 A 19800821; US 17954780 A 19800819; ZA 805154 A 19800821