

Title (en)
Push button assemblies

Title (de)
Druckasteneinrichtung

Title (fr)
Ensemble de bouton poussoir

Publication
EP 0798753 A1 19971001 (EN)

Application
EP 97400543 A 19970312

Priority
GB 9606375 A 19960326

Abstract (en)
A push button assembly (10), for use as a maximum demand indication reset button (12) in a polyphase meter, comprises a one-piece push button (12) mounted in a housing (16) which is moulded integrally with the front face of the meter. The push button (12) is rotatable in the housing between a first rotary position in which it can be pushed into the housing to operate a switch, and a second rotary position, at 90 DEG to the first, in which the push button is prevented from moving into the housing. The push button has a circular head (14) with integrally moulded spring fingers (36) and a central switch-operating stem (22) projecting from its underside, the stem being axially split to form spring legs (24) having outwardly projecting feet (26) which lock the push button in the housing. The underside of the head also has a diametrically extending web (40), which aligns with and can move into a corresponding recess (42) in the housing only when the push button is in the first rotary position. <IMAGE>

IPC 1-7
H01H 9/28

IPC 8 full level
H01H 9/28 (2006.01); **H01H 3/20** (2006.01); **H01H 25/06** (2006.01)

CPC (source: EP)
H01H 9/28 (2013.01); **H01H 3/20** (2013.01); **H01H 25/06** (2013.01); **H01H 2221/044** (2013.01)

Citation (search report)
[A] CH 272399 A 19501215 - HASLER AG [CH]

Cited by
DE10239387B4; GB2618391A; EP2282318A1; CN102473544A; AU2010278396B2; US9048043B2; WO2011012219A1; WO0014467A1; WO2006021492A1; WO2023213431A1

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