

Title (en)
Push button assemblies

Title (de)
Druckasteneinrichtung

Title (fr)
Ensemble de bouton poussoir

Publication
EP 0798753 B1 19990120 (EN)

Application
EP 97400543 A 19970312

Priority
GB 9606375 A 19960326

Abstract (en)
[origin: EP0798753A1] 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)

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

Designated contracting state (EPC)
DE ES FI FR GB IT NL SE

DOCDB simple family (publication)
EP 0798753 A1 19971001; EP 0798753 B1 19990120; DE 69700101 D1 19990304; DE 69700101 T2 19990624; ES 2127651 T3 19990416; GB 2311655 A 19971001; GB 9606375 D0 19960605; ZA 972498 B 19971007

DOCDB simple family (application)
EP 97400543 A 19970312; DE 69700101 T 19970312; ES 97400543 T 19970312; GB 9606375 A 19960326; ZA 972498 A 19970324