

Title (en)
Push button switch

Title (de)
Tastschalter

Title (fr)
Interrupteur à bouton-poussoir

Publication
EP 0643408 B1 19970730 (DE)

Application
EP 94107338 A 19940511

Priority
DE 4330576 A 19930909

Abstract (en)
[origin: DE4330576C1] In the case of a momentary-contact switch, a pressure point, a switching movement and a resetting stress are produced during one movement of its switching plunger (6). In order to achieve this with a simple construction, even in the case of short movements, with reliable contact operation after overcoming the pressure point, an integral spring element (16) is provided. The latter has guide limbs (17, 18), which are bent into a hairpin shape, between a contact arm (26) and a resetting arm (21). An inclined step (24) is designed on at least one of the guide limbs (18) in order to produce the pressure point. <IMAGE>

IPC 1-7
H01H 13/52

IPC 8 full level
H01H 13/40 (2006.01); **H01H 13/20** (2006.01); **H01H 13/50** (2006.01); **H01H 13/02** (2006.01)

CPC (source: EP US)
H01H 13/20 (2013.01 - EP US); **H01H 13/50** (2013.01 - EP US); **H01H 13/023** (2013.01 - EP US)

Cited by
DE102015200177A1; DE102015200177B4

Designated contracting state (EPC)
ES FR GB IT SE

DOCDB simple family (publication)
DE 4330576 C1 19941110; EP 0643408 A1 19950315; EP 0643408 B1 19970730; ES 2106405 T3 19971101; JP H07169364 A 19950704; US 5545864 A 19960813

DOCDB simple family (application)
DE 4330576 A 19930909; EP 94107338 A 19940511; ES 94107338 T 19940511; JP 21291394 A 19940906; US 28389994 A 19940803