

Title (en)
Latch piece

Title (de)
Riegeelement

Title (fr)
Élément de verrou

Publication
EP 1236414 A2 20020904 (EN)

Application
EP 02251236 A 20020222

Priority
GB 0104545 A 20010223

Abstract (en)
A cylindrical latch piece 6, 15 for an umbrella frame includes at least one stud 7 which clips into an aperture or notch 2 of the shaft once fully introduced to hold the latch piece securely to the shaft. At the bottom the latch piece has a shoulder 5 over which a detent 13 of the umbrella runner may locate to hold the umbrella frame fully extended. By this means a push-button-type runner can be used on, say, a metal frame. The latch piece can be either an additional part 15 or can itself constitute the upper section 6 of the shaft. <IMAGE>

IPC 1-7
A45B 25/00

IPC 8 full level
A45B 25/06 (2006.01)

CPC (source: EP)
A45B 25/06 (2013.01)

Cited by
US2011277800A1; US8127780B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1236414 A2 20020904; EP 1236414 A3 20030326; CN 1287703 C 20061206; CN 1372861 A 20021009; GB 0104545 D0 20010411; HK 1049271 A1 20030509; HK 1049271 B 20070727; TW 550058 B 20030901

DOCDB simple family (application)
EP 02251236 A 20020222; CN 02105185 A 20020223; GB 0104545 A 20010223; HK 03101413 A 20030225; TW 91103123 A 20020222