

Title (en)
ADJUSTIBLE WALKING CANE

Title (de)
EINSTELLBARER SPAZIERSTOCK

Title (fr)
CANNE DE MARCHE AJUSTABLE

Publication
EP 2959790 A1 20151230 (EN)

Application
EP 15173205 A 20150622

Priority
TW 103211289 U 20140625

Abstract (en)
An adjustable walking cane (70) includes an inner tube (10), an outer tube (20), a connecting rod (30), a pushing unit (40) and an extending unit (50). A spring compresses the connecting rod (30) against the extending unit (50) and the pushing unit (40), a resilient sleeve (54) bears against the inner threaded segment (23) on the outer tube (20), and then the length of the outer tube and inner tube can be fixed. In the extending process, the inner tube and the outer tube extend outwardly by pulling the cane from two ends thereof, and the inner tube and the outer tube are released from compression while the resilient sleeve (54) is detached from the inner threaded segment. In the retracting process, the inner tube and the outer tube are released from compression while the extending pieces on the extending unit driven by controlling unit is detached from the taper surface (41) of the pushing unit (40).

IPC 8 full level
A45B 9/00 (2006.01)

CPC (source: EP US)
A45B 9/00 (2013.01 - EP US); **A45B 2009/007** (2013.01 - EP US)

Citation (search report)
• [A] US 2014053887 A1 20140227 - LEE LANNY RAY [US]
• [A] US 2010316438 A1 20101216 - SOHN DAE UP [KR]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2959790 A1 20151230; CN 204861597 U 20151216; JP 3199705 U 20150903; TW M489528 U 20141111; US 2015374081 A1 20151231

DOCDB simple family (application)
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US 201514749152 A 20150624