

Title (en)
NON FLIP UMBRELLA

Title (de)
UNUMKLAPPBARER REGENSCHIRM

Title (fr)
PARAPLUIE NE POUVANT PAS SE RETOURNER

Publication
EP 0772408 A4 19990107 (EN)

Application
EP 94930711 A 19941011

Priority
• PH 4871494 A 19940729
• US 9411529 W 19941011

Abstract (en)
[origin: WO9603898A1] An umbrella of the type having a canopy (10) that is fastened to a folding radial frame with hinged ribs (13) radiating from a center pole (11), and a sliding catch (14) which pivotally supports the braces (19) of said ribs (13) is disclosed. Secured between the sliding catch (14) and the ribs (13) is the reinforcing guy assembly (20). This assembly consists of elongated strings (21) having its inner ends connected to said sliding catch (14) and its outer ends connected to the outer ends of said ribs, and suspender means (22) having its lower ends connected to said elongated strings (21) and its upper ends connected to said ribs (13).

IPC 1-7
A45B 25/02

IPC 8 full level
A45B 25/22 (2006.01)

CPC (source: EP)
A45B 25/22 (2013.01)

Citation (search report)
• [XA] DE 819893 C 19511105 - STOTZ PAUL
• [X] CH 121459 A 19270701 - GROENENDAL U W [CH]
• See references of WO 9603898A1

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

DOCDB simple family (publication)
WO 9603898 A1 19960215; AT E210398 T1 20011215; AU 7975294 A 19960304; CN 1055614 C 20000823; CN 1159150 A 19970910; DE 69429455 D1 20020124; EP 0772408 A1 19970514; EP 0772408 A4 19990107; EP 0772408 B1 20011212

DOCDB simple family (application)
US 9411529 W 19941011; AT 94930711 T 19941011; AU 7975294 A 19941011; CN 94195161 A 19941011; DE 69429455 T 19941011; EP 94930711 A 19941011