

Title (en)
UMBRELLA BAG STORAGE DEVICE

Title (de)
REGENSCHIRMBEUTELAUFBEWAHRUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE RANGEMENT DE SAC A PARAPLUIE

Publication
EP 1834880 A4 20120118 (EN)

Application
EP 05710760 A 20050222

Priority
• JP 2005003248 W 20050222
• JP 2004340756 A 20041125

Abstract (en)
[origin: EP1834880A1] An umbrella bag storage device includes a device body 1 in which an umbrella bag 30 is loaded. A tongue member 19, which opens an opening 31 of the umbrella bag 30, and a tip contacting member 17 are attached to a rotating plate 15 in a turnable manner. When a tip of a folding umbrella 40 is brought into contact with the tip contacting member 17, whereby the tip contacting member 17 turns to cause the tongue member 19 to open the opening 31 of the umbrella bag 30. A long hole 17c and a protruding section of a first spindle 14 are engaged such that the tip contacting member 17 and the tongue piece 19 are capable of advancing/retracting. In addition, a torsion spring 21 urges the tip contacting member 17 and the tongue member 19 to the front toward the umbrella bag 30. When a folding umbrella is stored in an umbrella bag, the user's hand, which has been inserted inside of the device, is prevented from being trapped and pinched by the bag opening member.

IPC 8 full level
A45B 25/24 (2006.01); **A47G 25/12** (2006.01); **B65B 43/14** (2006.01); **B65B 43/44** (2006.01); **B65B 67/04** (2006.01); **B65B 67/12** (2006.01)

CPC (source: EP US)
A45B 25/24 (2013.01 - EP US); **A47G 25/12** (2013.01 - EP US); **B65B 43/14** (2013.01 - EP US); **B65B 43/44** (2013.01 - EP US)

Citation (search report)
• [A] EP 0657357 A1 19950614 - MURAHARU SEISAKUSHO KK [JP], et al
• [A] JP H107118 A 19980113 - MURAHARU SEISAKUSHO KK, et al
• [A] EP 0626315 A1 19941130 - MURAHARU SEISAKUSHO KK [JP], et al
• [A] EP 0781708 A1 19970702 - MURAHARU SEISAKUSHO KK [JP], et al
• See references of WO 2006057076A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1834880 A1 20070919; **EP 1834880 A4 20120118**; AU 2005202326 A1 20060608; JP 2006151401 A 20060615;
US 2008093512 A1 20080424; WO 2006057076 A1 20060601

DOCDB simple family (application)
EP 05710760 A 20050222; AU 2005202326 A 20050222; JP 2004340756 A 20041125; JP 2005003248 W 20050222; US 66730805 A 20050222