

Title (en)
CORNER CANVAS AND TAKE-UP SHAFT THEREFOR, AND CORNER AWNING DEVICE

Title (de)
ECKZELTTUCH UND AUFWICKELWELLE DAFÜR UND ECKMARKISENVORRICHTUNG

Title (fr)
TOILE DE COIN ET SON ARBRE TENDEUR, DISPOSITIF DE MARQUISE EN COIN

Publication
EP 1767720 A1 20070328 (EN)

Application
EP 04747219 A 20040701

Priority
JP 2004009751 W 20040701

Abstract (en)
A corner canvas is formed such that when seen in a development, it has a right-angled trapezoidal form consisting of a rectangular canvas main body and a right-angled triangular canvas extension. A canvas take-up shaft is formed by an outer roller slidably and rotatably fitted on an inner shaft. When the canvas is to be developed, a folded swing arm is parallel-rotated obliquely forward and a front bar is pushed out to an obliquely forward corner space, thereby the corner space is covered. When the canvas is to be taken up, the swing arm is rotated obliquely rearward and the front bar is parallel-moved obliquely rearward, whereupon the outer roller is moved rearward while rotating to take up the corner canvas, and thereby the canvas extension is taken up by the exposed inner shaft. Thus, an epoch-making novel product is provided to the industry, which dramatically enhances ornamentality and external appearance in the corners of various buildings and which abounds in technical interests and utility as a corner awning device.

IPC 8 full level
E04F 10/06 (2006.01)

CPC (source: EP)
E04F 10/06 (2013.01); **E04F 10/0618** (2013.01); **E04F 10/0692** (2013.01); **E04F 10/0603** (2013.01); **E04F 10/0648** (2013.01); **E04F 10/0685** (2013.01); **E04F 10/0696** (2013.01)

Citation (search report)
See references of WO 2006003720A1

Cited by
EP2458107A3; DE102010024744A1; DE102010024744B4

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

DOCDB simple family (publication)
EP 1767720 A1 20070328; AU 2004321145 A1 20060112; AU 2004321145 B2 20081023; BR PI0418949 A 20070925; CN 100504002 C 20090624; CN 101001998 A 20070718; HK 1110102 A1 20080704; JP 4284629 B2 20090624; JP WO2006003720 A1 20080417; WO 2006003720 A1 20060112

DOCDB simple family (application)
EP 04747219 A 20040701; AU 2004321145 A 20040701; BR PI0418949 A 20040701; CN 200480043813 A 20040701; HK 08100557 A 20080116; JP 2004009751 W 20040701; JP 2006527650 A 20040701