

Title (en)
COLLAPSIBLE SHADE DEVICE

Title (de)
ZUSAMMENKLAPPBARE BLENDEVORRICHTUNG

Title (fr)
DISPOSITIF D'OMBRAGE PLIANT

Publication
EP 2513394 A4 20160907 (EN)

Application
EP 10838255 A 20101216

Priority
• US 64095909 A 20091217
• US 2010060806 W 20101216

Abstract (en)
[origin: US2011146737A1] A shade device for protecting a user from harmful sunrays is provided. The shade device may be held in the erected position with nubs such that to erect the shade device, frame support members are pushed to the erected position. To collapse the shade device, the frame support members are pushed past nubs. Accordingly, the shade device incorporates a simple push release mechanism to erect and collapse the shade device such that no assembly or disassembly of the shade device is required for tear down or set up.

IPC 8 full level
E04H 15/38 (2006.01); **E04H 15/00** (2006.01); **E04H 15/06** (2006.01)

CPC (source: EP US)
E04H 15/003 (2013.01 - EP US); **E04H 15/06** (2013.01 - EP US); **E04H 15/38** (2013.01 - EP US)

Citation (search report)
• [X] US 2006102221 A1 20060518 - EDER FRED [US]
• [X] US 609553 A 18980823
• [X] US 2832361 A 19580429 - EDWARD SMITH STANLEY
• See references of WO 2011075583A1

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

DOCDB simple family (publication)
US 2011146737 A1 20110623; AU 2010330912 A1 20120705; AU 2010330912 B2 20161208; CN 102713111 A 20121003;
CN 102713111 B 20150812; EP 2513394 A1 20121024; EP 2513394 A4 20160907; WO 2011075583 A1 20110623

DOCDB simple family (application)
US 64095909 A 20091217; AU 2010330912 A 20101216; CN 201080062342 A 20101216; EP 10838255 A 20101216;
US 2010060806 W 20101216