

Title (en)
SUN PROTECTION DEVICE

Title (de)
SONNENSCHUTZVORRICHTUNG

Title (fr)
DISPOSITIF DE PROTECTION SOLAIRE

Publication
EP 2885481 A1 20150624 (DE)

Application
EP 13742421 A 20130722

Priority
• DE 102012212848 A 20120723
• EP 2013065427 W 20130722

Abstract (en)
[origin: WO2014016254A1] The invention relates to a sun protection device (1), comprising a plurality of movable sun protection elements (10), which can be moved from an open position to a closed position, characterized in that the sun protection elements (10) can be moved by the influence of heat, the sun protection elements (10) being composed at least of a first material layer (1111) having a first thermal expansion coefficient (α) and a third material layer (1113) having a third thermal expansion coefficient (α_3), the two material layers being connected to each other at a minimum of two opposite boundary edges (1013, 1014). (See Figure 4)

IPC 8 full level
E06B 9/24 (2006.01); **A01G 9/22** (2006.01); **E06B 9/26** (2006.01); **F24J 2/40** (2006.01); **G12B 1/02** (2006.01)

CPC (source: EP US)
E05F 17/00 (2013.01 - US); **E06B 9/24** (2013.01 - EP US); **E06B 9/26** (2013.01 - EP US); **E06B 9/36** (2013.01 - US);
F24S 10/00 (2018.04 - EP US); **F24S 70/65** (2018.04 - EP US); **E05F 2017/005** (2013.01 - US); **E06B 2009/2476** (2013.01 - EP US);
F24S 50/80 (2018.04 - EP US); **F24S 2020/183** (2018.04 - EP US); **Y02E 10/44** (2013.01 - EP US)

Citation (search report)
See references of WO 2014016254A1

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)
DE 102012212848 A1 20140123; EP 2885481 A1 20150624; US 2015191959 A1 20150709; WO 2014016254 A1 20140130

DOCDB simple family (application)
DE 102012212848 A 20120723; EP 13742421 A 20130722; EP 2013065427 W 20130722; US 201314416221 A 20130722