

Title (en)
SAG-FREE RETRACTABLE AWNING

Title (de)
FALTENFREIE EINZIEHBARE MARKISE

Title (fr)
STORE RÉTRACTABLE SANS AFFAISSEMENT

Publication
EP 2313286 A1 20110427 (EN)

Application
EP 09803606 A 20090730

Priority
• US 2009052294 W 20090730
• US 18394408 A 20080731

Abstract (en)
[origin: US2010024991A1] A retractable awning having one edge of an awning canopy fixed and a movable opposite edge with the opposite edge being secured to a rotatable roll bar includes a floating mounting for the roll bar so that a bias on the roll bar urging the roll bar to rotate toward a retracted position of the awning permits the wrapped fabric on the roll bar to remain in engagement with an engagement wall of a mounting chassis so that the roll bar is prevented from sagging along its length regardless of the number of wraps of fabric about the roll bar.

IPC 8 full level
B60J 11/02 (2006.01); **B60J 11/00** (2006.01)

CPC (source: EP US)
B60P 3/343 (2013.01 - EP US); **E04F 10/06** (2013.01 - EP US)

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
US 2010024991 A1 20100204; EP 2313286 A1 20110427; WO 2010014840 A1 20100204

DOCDB simple family (application)
US 18394408 A 20080731; EP 09803606 A 20090730; US 2009052294 W 20090730