

Title (en)  
Windable awning with automatic apron

Title (de)  
Aufrollbare Markise mit automatischem Volant

Title (fr)  
Marquise enroulable à volant automatique

Publication  
**EP 1076138 B1 20041117 (FR)**

Application  
**EP 00202802 A 20000808**

Priority  
FR 9910403 A 19990811

Abstract (en)  
[origin: EP1076138A1] The sun awning has a reel casing (2) and a canopy (4). A pair of hinged arms are attached to the reel casing to support a frontal profile (6). A secondary profile is positioned in front of the first to extend the canopy and the two profiles are connected by springs. The springs can be gas struts articulated to the front profiles.

IPC 1-7  
**E04F 10/06**

IPC 8 full level  
**E04F 10/06** (2006.01)

CPC (source: EP US)  
**E04F 10/0618** (2013.01 - EP US); **E04F 10/0633** (2013.01 - EP US); **E04F 10/0603** (2013.01 - EP US); **E04F 10/067** (2013.01 - EP US); **E04F 10/0688** (2013.01 - EP US); **E04F 10/0692** (2013.01 - EP US)

Cited by  
CN104499661A; EP1199422A1; EP2845962A1; CN108590054A; US11613894B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1076138 A1 20010214; EP 1076138 B1 20041117**; AT E282747 T1 20041215; DE 60015874 D1 20041223; DE 60015874 T2 20051110; FR 2797456 A1 20010216; FR 2797456 B1 20010921; US 6363664 B1 20020402

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