

Title (en)  
Shading device

Title (de)  
Beschattungsvorrichtung

Title (fr)  
Dispositif d'ombrage

Publication  
**EP 1113120 A3 20030625 (DE)**

Application  
**EP 00127761 A 20001219**

Priority  
DE 19963862 A 19991230

Abstract (en)  
[origin: EP1113120A2] The device (1) has a fixed rotatably-mounted roller shaft (4) with a shade (12) fixed at one edge to the roller shaft and connected at the other edge to a leading rail (5). At least one guide rail (2,3) for the leading rail projects from the roller shaft. A drive unit for the roller shaft operates the shaft in at least one direction. A drive unit (16) for the leading rail moves it along the guide rails in at least one direction. At least one of the drive units can be operated voluntarily. A brake unit for the roller shaft can be used to prevent the shaft from rotating. A brake unit for the leading rail can be used to prevent the leading rail from moving.

IPC 1-7  
**E04F 10/06**; E06B 9/60

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

CPC (source: EP)  
**E04F 10/0607** (2013.01); **E04F 10/0648** (2013.01); **E04F 10/0655** (2013.01); **E04F 10/0659** (2013.01)

Citation (search report)  
• [A] EP 0376817 A1 19900704 - DAIMON CO LTD [JP]  
• [A] CH 656170 A5 19860613 - KAESTLI & CO AG  
• [A] DE 3718901 A1 19880601 - WEISS HELGE [DE]

Cited by  
EP1914361A1; EP1437453A3; DE102006005567B3; EP2573294A1; AU2008217599B2; EP2063043A3; DE102007056657A1; GB2421520A; GR1010354B; US8281795B2; US8051866B2; WO2008102141A1; WO2005098162A3; WO2019072611A1; EP1780350B1

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

DOCDB simple family (publication)  
**EP 1113120 A2 20010704**; **EP 1113120 A3 20030625**; DE 19963862 A1 20010726; DE 19963862 C2 20030814

DOCDB simple family (application)  
**EP 00127761 A 20001219**; DE 19963862 A 19991230