

Title (en)  
WINDOW SHADE ROLLER ASSEMBLY

Publication  
**EP 0101440 B1 19861029 (EN)**

Application  
**EP 82901073 A 19820218**

Priority  
US 8200214 W 19820218

Abstract (en)  
[origin: WO8302976A1] A shade roller (10) having a chain operated mechanism (16) at one end thereof for controlling the position of the shade on the window, and means (38, 44, 46) for maintaining the chain operated mechanism against a bracket (18) to help insure proper positioning and operation of the said mechanism.

IPC 1-7  
**E06B 9/20**

IPC 8 full level  
**E06B 9/56** (2006.01); **E06B 9/42** (2006.01); **E06B 9/50** (2006.01); **E06B 9/60** (2006.01); **E06B 9/78** (2006.01)

CPC (source: EP)  
**E06B 9/50** (2013.01); **E06B 9/60** (2013.01); **E06B 9/78** (2013.01)

Citation (examination)  
AT 78362 B 19190925 - HELLER AUGUST

Designated contracting state (EPC)  
DE FR GB

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**WO 8302976 A1 19830901**; DE 3274005 D1 19861204; EP 0101440 A1 19840229; EP 0101440 A4 19840919; EP 0101440 B1 19861029; JP H0151631 B2 19891106; JP S59500229 A 19840216

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**US 8200214 W 19820218**; DE 3274005 T 19820218; EP 82901073 A 19820218; JP 50109282 A 19820218