

Title (en)  
BLIND OR CURTAIN SUSPENSION SYSTEM

Title (de)  
GARDINEN ODER VORHANGSAUFHÄNGUNGSSYSTEM

Title (fr)  
SYSTEME DE SUSPENSION AUTOMATIQUE DE STORE OU RIDEAU

Publication  
**EP 0677997 B1 19980304 (EN)**

Application  
**EP 94904267 A 19940114**

Priority  
• GB 9400083 W 19940114  
• GB 9300608 A 19930114

Abstract (en)  
[origin: GB2302124A] An electric motor 44a moves a suspension device 28 along a headrail 10 or pole towards and away from a stop 48 to open and close the blind or curtain. An automatic controller 12 is provided which detects a monotonic increase in current to the motor 44a associated with drive from the motor 44a being taken up by the springs 50 as the stop 48 is reached and interrupts current to the electric motor 44a when the increase in motor current is detected. The controller also stores the position of the suspension device 28 when the increase in current is detected and drive to the electric motor 44a during subsequent operation of the system is then regulated to interrupt current to the motor before the suspension device 28 hits the stop 48 again.

IPC 1-7  
**A47H 5/06**; **E06B 9/32**

IPC 8 full level  
**E06B 9/36** (2006.01); **A47H 5/02** (2006.01); **A47H 5/032** (2006.01); **A47H 5/06** (2006.01); **E06B 7/096** (2006.01); **E06B 9/32** (2006.01)

CPC (source: EP KR US)  
**A47H 5/06** (2013.01 - KR); **E06B 9/32** (2013.01 - EP KR US); **Y10S 160/90** (2013.01 - EP)

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

DOCDB simple family (publication)  
**GB 2302124 A 19970108**; **GB 2302124 B 19970423**; **GB 9620337 D0 19961113**; AT E163518 T1 19980315; AU 4224596 A 19960426; AU 692338 B2 19980604; DE 69408828 D1 19980409; DE 69408828 T2 19981022; DK 0677997 T3 19981221; EP 0677997 A1 19951025; EP 0677997 B1 19980304; ES 2118376 T3 19980916; GB 9300608 D0 19930303; JP H08505445 A 19960611; KR 960700017 A 19960119; MY 131583 A 20070830; SG 46173 A1 19980220

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**GB 9620337 A 19940114**; AT 94904267 T 19940114; AU 4224596 A 19960130; DE 69408828 T 19940114; DK 94904267 T 19940114; EP 94904267 A 19940114; ES 94904267 T 19940114; GB 9300608 A 19930114; JP 51584994 A 19940114; KR 19950702911 A 19950714; MY PI9400103 A 19940114; SG 1996000107 A 19940114