

Title (en)  
Roller shutter with a flexible fabric leaf.

Title (de)  
Rolltor mit einem Torblatt-Behang.

Title (fr)  
Porte enroulable à l'étoffe flexible.

Publication  
**EP 0427211 B1 19940126 (DE)**

Application  
**EP 90121233 A 19901106**

Priority  
DE 3936913 A 19891106

Abstract (en)  
[origin: EP0429898A2] Roller shutter with a door leaf flexible screen which can be rolled up and unrolled on a winding roller and which, by means of a guiding device which engages on it and is supported in a stationary manner, is aligned, in the course of the closing movement, in a given plane - for example determined by lateral guiding rails - irrespective of the rolled-up or unrolled flexible screen length, and which guiding device is constructed to prevent frictional stress on one or both flexible screen surfaces in such a manner that it consists of at least one support roller which has a tubular body which is guided slidingly in a rotatory manner around a support body held in a stationary manner and on the outside of which the flexible screen is supported in a rolling manner.

IPC 1-7  
**E06B 9/68**; **E06B 9/174**; **E06B 9/62**

IPC 8 full level  
**E06B 9/174** (2006.01); **E06B 9/56** (2006.01); **E06B 9/62** (2006.01); **E06B 9/68** (2006.01)

CPC (source: EP)  
**E06B 9/174** (2013.01); **E06B 9/68** (2013.01)

Cited by  
NL1005769C2; FR2686372A1; GB2369146A

Designated contracting state (EPC)  
AT BE CH DE DK FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0429898 A2 19910605**; **EP 0429898 A3 19910731**; **EP 0429898 B1 19940518**; AT E100894 T1 19940215; AT E105917 T1 19940615; DE 3936913 A1 19910508; DE 59004410 D1 19940310; DE 59005738 D1 19940623; DK 0427211 T3 19940228; DK 0429898 T3 19940620; EP 0427211 A2 19910515; EP 0427211 A3 19920506; EP 0427211 B1 19940126

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**EP 90121234 A 19901106**; AT 90121233 T 19901106; AT 90121234 T 19901106; DE 3936913 A 19891106; DE 59004410 T 19901106; DE 59005738 T 19901106; DK 90121233 T 19901106; DK 90121234 T 19901106; EP 90121233 A 19901106