

Title (en)  
SCREEN ASSEMBLY

Title (de)  
SCHIRM-BAUGRUPPE

Title (fr)  
ENSEMBLE ECRAN

Publication  
**EP 1789844 A4 20090121 (EN)**

Application  
**EP 05775190 A 20050812**

Priority  
• CA 2005001246 W 20050812  
• US 94299104 A 20040917

Abstract (en)  
[origin: WO2006029500A1] A screen assembly includes first and second frame members, a spring biased roller rotatably mounted in one of the frame members. A screen is fixed at one end to the roller and is fixed at a second end to the other of the frame members. An extendable linkage assembly connects the frame members and includes a first arm hingedly connected to the first frame member, at a point offset from a center thereof, a second arm hingedly connected to the first arm and to the second frame member, proximal a center thereof, a third arm hingedly connected to the first frame member, at a point on an opposing side of center as the first arm and a fourth arm hingedly connected to the third arm and to the second frame member, proximal the center. The linkage assembly also includes a first biasing member connected along the second arm and to the second frame member, on one side of the center and a second biasing member connected along the fourth arm and to the second frame member, at a point on an opposing side of the center. The first and second frame members are positionable between a closed position and an open position.

IPC 8 full level  
**G03B 21/56** (2006.01); **G03B 21/58** (2006.01)

CPC (source: EP KR US)  
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Citation (search report)  
• [XY] DE 1754683 U 19571024 - ZEISS IKON AG [DE]  
• [YA] EP 0901038 A2 19990310 - IZUMI KK [JP]  
• [A] US 1915944 A 19330627 - HUGO NAGEL  
• [A] DE 1447234 A1 19681128 - MECHANISCHE WEBEREI GMBH  
• See references of WO 2006029500A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2006029500 A1 20060323**; AU 2005284621 A1 20060323; CA 2579792 A1 20060323; CN 101048698 A 20071003; EP 1789844 A1 20070530; EP 1789844 A4 20090121; JP 2008513814 A 20080501; KR 100792526 B1 20080109; KR 20060053875 A 20060522; US 2006080918 A1 20060420

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