

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)
F16M 11/16 (2013.01 - EP US); **F16M 11/22** (2013.01 - EP US); **F16M 11/38** (2013.01 - EP US); **G03B 21/58** (2013.01 - EP US); **H04N 5/74** (2013.01 - KR); **F16M 2200/04** (2013.01 - EP US); **F16M 2200/061** (2013.01 - EP US); **F16M 2200/08** (2013.01 - EP US)

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

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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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