

Title (en)
OUTREACH SCREEN

Title (de)
AUSLADENDE ABSCHIRMUNG

Title (fr)
ECRAN DEPLOYABLE

Publication
EP 1727949 A4 20090304 (EN)

Application
EP 05706277 A 20050228

Priority
• AU 2005000240 W 20050228
• AU 2004900993 A 20040301

Abstract (en)
[origin: WO2005083193A1] A pair of spaced upright masts (2,3) each support at opposite sides two opposed guides (6,7) providing respective tracks (21) for travellers (26). The travellers are independently vertically moveable along their respective tracks by cables (30) wound around motor-driven pulleys (31) at their upper-ends. A gas strut (60) inside the upper end portion of each track (21) is engaged by the corresponding traveller (26) when the associated screen (14,15) approaches and passes through a horizontal plane. The compressive resistance offered by the strut (6) when engaged by the traveller (26) increases the load on the traveller (26). This increase in load compensates for a reduction in the downward thrust exerted on the traveller by the weight of the associated screen (14, 15) as it passes through the horizontal plane. Instability in the positioning of the screen is thus avoided so that the two screens can be stably positioned in parallel sloping but spaced planes. Thus the area protected from above by the screens can be safely maximised.

IPC 8 full level
E04F 10/00 (2006.01); **A45B 23/00** (2006.01)

CPC (source: EP US)
A45B 23/00 (2013.01 - EP US); **A45B 2023/0093** (2013.01 - EP US)

Citation (search report)
• [DX] WO 03040490 A1 20030515 - SNYDERS MARK [AU]
• [A] US 5960806 A 19991005 - STEINER WALTER [CH]
• [A] DE 3509120 A1 19860918 - BECHER TEXTIL & STAHLBAU GMBH [DE]
• See references of WO 2005083193A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

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