Title (en)

SCREEN STRUCTURE

Title (de)

SCHIRMSTRUKTUR

Title (fr)

STRUCTURE D'ÉCRAN

Publication

EP 4297618 A1 20240103 (EN)

Application

EP 22704939 A 20220127

Priority

- GB 202102633 A 20210224
- GB 2022050211 W 20220127

Abstract (en)

[origin: GB2604123A] A screen structure 50 comprises a support element(s) 52, a bistable extendable member 1 and a panel element 30, attached to the support element(s) and comprising a leading edge. The support element(s) and the panel element are rollable about a first longitudinal axis, to provide for extension and retraction along a direction generally perpendicular to the first longitudinal axis between a first fully extended position and a second position where the support element(s) and the panel element are at least partially retracted. A handle element 51 is included for extending and retracting the support and panel element upon application of a force. A spacer element (10, Fig 5) is configured so that when the support element(s) and the panel element are in the second position, the leading edge of the panel element is substantially parallel with the first longitudinal axis. Preferably the first longitudinal axis is defined by a rotor element (15, Fig 6) whereby the support element(s) and panel element are attached. The panel element may comprise a flexible polymer film material such as Polyethylene terephthalate. The support element may be attached to the panel element by means of a supporting layer that may also comprise Polyvinyl Chloride (PVC).

IPC 8 full level

A47G 5/02 (2006.01); **E21B 43/10** (2006.01)

CPC (source: EP GB US)

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