

Title (en)

INSTALLATION FOR ROLL-UP-ROOFING, WHICH AUTOMATICALLY COMPENSATES THE FABRIC TENSION

Title (de)

AUTOMATISCH DIE TUCHSPANNUNG AUSGLEICHENDE AUFROLLBARE BEDACHUNGSINSTALLATION

Title (fr)

INSTALLATION DE COUVERTURE ENROULABLE À COMPENSATION AUTOMATIQUE DE LA TENSION DE LA TOILE

Publication

**EP 3500709 B1 20240327 (DE)**

Application

**EP 17772604 A 20170816**

Priority

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Abstract (en)

[origin: WO2018033187A1] The invention relates to an installation for roll-up-roofing, comprising at least one winding shaft (1), which is designed to be mounted on a wall or ceiling, and a fabric-type roofing element (2). In order to automatically compensate unequal tensioning moments when the fabric is wound onto the winding shaft (1) and to compensate the winding of a fabric surface with differing thicknesses within said surface, according to the invention the winding shaft (1) and/or the roofing element (2) that is to be wound has/have a permanently elastic volume element. The volume element allows the tension to be compensated, so that the fabric can be wound onto the winding shaft (1) without warping. The volume element allows the tensioning moments to be compensated even after the fabric has been wound and unwound multiple times, thus increasing the operating life of the fabric and at the same time preventing the formation of creases.

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

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- DE 3106239 A1 19821028 - BENECKE GMBH J [DE]
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DOCDB simple family (publication)

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