

Title (en)

BOTTOM-TRIGGERING WIND SAFETY UMBRELLA

Title (de)

WINDSICHERER REGENSCHIRM MIT AUSLÖSUNG AM UNTERTEIL

Title (fr)

PARASOL DE SECURITE POUR LE VENT, A DECLENCHEMENT PAR LE BAS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2011055027A1] The invention relates to an umbrella, characterized by the wind safety system thereof, the triggering device of which is located in the area where the pole (2) of same contacts the ground, or directly on the shaft thereof, as the case may be, and which includes a return device consisting of a slider (4) having a spring (5), and then a flexible transmission assembly connecting the head of the slider to a retracting mechanism of the closing trigger (9) of the umbrella, whereby, when pressed against the ground, the weight of the umbrella crushes the spring (5), the slider (4) is in the top cocked position, and then, as soon as the wind tends to raise the umbrella, said pre-stressed spring expands and pushes the slider back down, thereby tensioning the transmission element and causing the trigger (9) to retract, in order to finally ensure automatic closure of the umbrella. In the case where said umbrella includes a pole, same is made in a reverse telescopic configuration, i.e., with the sliding strand having a small diameter at the bottom portion, which, for storage purposes, is completely retracted into the shaft (1), the locking system (3) next being actuated in order to immobilize the pole, the entire assembly offering an optimal storage configuration without any risk of the pole being mal-positioned.

IPC 8 full level

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