

Title (en)
CORDLESS ZEBRA CURTAIN WITH AN ADJUSTABLE MAINSPRING

Title (de)
SCHNURLOSER ZEBRA-VORHANG MIT EINER VERSTELLBAREN HAUPTFEDER

Title (fr)
RIDEAU ZÉBRÉ SANS FIL AVEC UN RESSORT PRINCIPAL RÉGLABLE

Publication
EP 3754150 B1 20221102 (EN)

Application
EP 20175169 A 20200518

Priority
CN 201920911212 U 20190618

Abstract (en)
[origin: CN210508989U] The utility model relates to a hand-supported clockwork spring roller shutter. The clothes hanger comprises a left support, a right support and a hanging frame connecting the left support and the right support. A reel is arranged between the left bracket and the right bracket; a roller shutter is arranged on the scroll; the left support and/or the right support are/is provided with a clockwork spring winding device/a clockwork spring winding device used for rotating the reel to wind the roller shutter. The clockwork spring coiling device comprises an adjusting plunger, a clockwork spring, a clockwork spring fixing disc and a clockwork spring coiling disc; a rotating disc with sawteeth is embedded in the adjusting plunger in a sleeved mode, the spring is arranged on the spring fixing disc in a sleeved mode in a loose state, the winding end of the spring is connected with the spring winding disc in a clamped mode, and resistance adjusting devices used for adjusting the resilience force of the spring are further arranged on the left support and the right support. According to the hand-supporting spring roller shutter, the resistance adjusting device of the spring is added, the springback resistance of the spring can be increased or decreased by adjusting the adjusting screws at the left support and the right support, a balancing weight does not need to be added continuously, operation is easy, cost is saved, and production efficiency is improved.

IPC 8 full level
E06B 9/62 (2006.01); **E06B 9/50** (2006.01); **E06B 9/60** (2006.01); **E06B 9/90** (2006.01); **E06B 9/24** (2006.01); **E06B 9/266** (2006.01)

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