

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 A1 20201223 (EN)

Application
EP 20175169 A 20200518

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Abstract (en)
The invention relates to a hand-held zebra curtain with an upper beam adjustable mainspring, comprising a left bracket, a right bracket and a rack which connects the left bracket and the right bracket. A scroll is arranged between the left bracket and the right bracket; the scroll is provided with a roller blind; the left bracket and/or the right bracket is provided with a mainspring coiling device for rotating the scroll to coil the roller blind; the mainspring coiling device comprises a regulating plunger, a mainspring, a mainspring fixing disk and a mainspring coiling disk; a toothed turntable is nested on the regulating plunger; the mainspring is sleeved on the mainspring fixing disk in a relaxed state; a coiling end of the mainspring is clamped with the mainspring coiling disk; and the left bracket and the right bracket are also provided with a resistance regulating device for regulating the resilience force of the mainspring. The hand-held zebra curtain with the upper beam adjustable mainspring in the invention adds the resistance regulating device of the mainspring, and increases or decreases the resilience resistance of the mainspring by regulating the regulating screws on the left and the right brackets, without adding the counterweight; the operation is simple; the cost is saved; and production efficiency is increased.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
• [A] US 2016130863 A1 20160512 - CHENG LI-MING [TW]
• [A] US 2017350188 A1 20171207 - HUANG WEN-CHONG [TW]

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