

Title (en)

DEVICE FOR CONTROLLING A ZIP-CLOSURE SYSTEM OF AN ARTICLE AND CORRESPONDING ARTICLE

Title (de)

VORRICHTUNG ZUR STEUERUNG EINES REISSVERSCHLUSSSYSTEMS EINES ARTIKELS UND ZUGEHÖRIGER ARTIKEL

Title (fr)

DISPOSITIF DE CONTRÔLE D'UN SYSTÈME DE FERMETURE À GLISSIÈRE D'UN ARTICLE ET ARTICLE CORRESPONDANT

Publication

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Application

EP 16715021 A 20160317

Priority

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- FR 2016050594 W 20160317

Abstract (en)

[origin: WO2016146951A1] The invention concerns a device for controlling the closed or open state of an article, the control device being in the form of an electronic circuit comprising a zip-closure system comprising two strips, on each of which there is attached a row of elements, referred to as teeth (11,..., 14, 20,...,25), made from electrically conductive material. A slider (3) is mounted sliding along the strips and configured in such a way as to mesh the teeth of one row with the teeth of the other row, in one direction, and to separate them in the other direction. A detection and signalling device (4) is connected to at least one of the teeth, referred to as the first terminal (21), and to at least one of the other teeth, referred to as the second terminal (24). The detection and signalling device is configured to detect the state of electrical continuity between the first and second terminals (21, 24), and to emit a signal depending on said detected state of continuity. The first terminal (21) and the second terminal (24) are spaced apart from each other by at least one tooth (22, 23), said at least one tooth having, in the separated state of the teeth of the two rows, no electrical connection with said terminals.

IPC 8 full level

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Citation (search report)

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