

Title (en)
DEVICE FOR KEEPING AN INACCESSIBLE ELEMENT TO BE STABILISED STATIONARY IN A REQUIRED ANGULAR POSITION AND USE OF THE DEVICE IN A MACHINE FOR PROCESSING TEXTILE THREADS

Title (de)
VORRICHTUNG ZUM HALTEN EINES UNZUGÄNGLICHEN ELEMENTS FÜR STATIONÄRE STABILISIERUNG IN EINER VORBESTIMMTEN WINKELPOSITION UND VERWENDUNG DER VORRICHTUNG IN EINER MASCHINE ZUR BEHANDLUNG VON TEXTILFÄDEN

Title (fr)
DISPOSITIF DESTINÉ À MAINTENIR STATIONNAIRE, DANS UNE POSITION ANGULAIRE REQUISE, UN ÉLÉMENT À STABILISER INACCESSIBLE ET UTILISATION DU DISPOSITIF DANS UNE MACHINE DE TRANSFORMATION DE FILS TEXTILES

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Application
EP 14720186 A 20140403

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Abstract (en)
[origin: WO2014167221A1] According to the invention: at least two pairs of magnets (31.1, 31.2) are arranged adjacent to one another on mountings (32, 34); said pairs of magnets (31.1, 31.2) and said mountings (32, 34) form, when the element to be stabilised is in the required angular position, a closed magnetic circuit (with the exception of the air gap), the magnets (33, 34) being oriented such that the north and south poles thereof alternate along said magnetic circuit; an element (37), which is sensitive to the magnetic field, is attached to the stationary portion and arranged inside the closed magnetic circuit; said sensitive element (37) outputs an output logic state corresponding to the "element to be stabilised in the required angular position" when the detected field is lower than a predetermined maximum threshold, and a logic state corresponding to "element to be stabilised outside of the required angular position" when the detected field is higher than a predetermined minimum threshold.

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Citation (search report)
See references of WO 2014167221A1

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