

Title (en)

GUIDING SYSTEM FOR THE EXTERNALLY ACTUATING ELEMENT OF A CLOSING UNIT

Title (de)

FÜHRUNGSSYSTEM FÜR EIN EXTERN BETÄTIGTES TEIL EINER SCHLIESSEINHEIT

Title (fr)

SYSTEME DE GUIDAGE D'UN ELEMENT A COMMANDE EXTERNE D'UNE UNITE DE FERMETURE

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Application

EP 03780106 A 20031203

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Abstract (en)

[origin: WO2004076147A1] The invention relates to a guiding system for the externally actuating element of a closing unit. The inventive system is mainly used for connecting a tool to a closing unit. Said closing unit (12) carries out a motion in a given direction (D) during the operation thereof, and the externally actuating element (14) displaces at least between two positions during said motion. Said externally actuating element (14) comprises a guiding element embodied in the form of a cam roller (24) which rotates on a supporting structure (26-40) in order to attain at least one of the positions during the movement of the closing unit (12). In order to avoid any excessive wear and ease a maintenance service, at least one section (30) of the supporting structure (26-40) is provided with at least one freely movable supporting roller (40) whose respective axis is tangential with relation to the displacement direction (D) of the closing unit (12) in such a way that the cam roller (24) of said externally actuating element (14) rotates possibly without sliding friction on the supporting roller (40).

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