

Title (en)  
LENGTH-ADJUSTMENT DEVICE FOR A FINGER MOTION RAIL, LENGTH-ADJUSTABLE FINGER MOTION RAIL AND THERAPEUTIC DEVICE COMPRISING AT LEAST ONE LENGTH-ADJUSTABLE FINGER MOTION RAIL OF THIS TYPE AND METHOD FOR LENGTH ADJUSTMENT

Title (de)  
LÄNGENEINSTELLVORRICHTUNG FÜR EINE FINGER-BEWEGUNGSSCHIENE, LÄNGENEINSTELLBARE FINGER-BEWEGUNGSSCHIENE UND THERAPIEGERÄT MIT WENIGSTENS EINER SOLCHEN LÄNGENEINSTELLBAREN FINGER-BEWEGUNGSSCHIENE SOWIE VERFAHREN ZUR LÄNGENEINSTELLUNG

Title (fr)  
DISPOSITIF DE RÉGLAGE DE LA LONGUEUR D'UN RAIL DE MOUVEMENT DE DOIGT, RAIL DE MOUVEMENT DE DOIGT RÉGLABLE EN LONGUEUR ET APPAREIL DE THÉRAPIE COMPORTANT AU MOINS UN TEL RAIL DE MOUVEMENT DE DOIGT RÉGLABLE EN LONGUEUR ET PROCÉDÉ DE RÉGLAGE DE LA LONGUEUR

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Abstract (en)  
[origin: WO2020224728A1] The invention relates to a length-adjustment device (3) for a finger motion rail (2) of a therapeutic device (1) for carrying out a continuous, passive and/or actively assisted movement of a finger and/or a thumb of a hand, a finger motion rail (2) comprising a length-adjustment device (3) of this type, and a corresponding therapeutic device (1) comprising at least one finger motion rail (2) of this type. The invention also relates to a method for adjusting the length of a finger motion rail (2) on a therapeutic device (1) of this type. The length-adjustment device (3) according to the invention or the length-adjustment method according to the invention advantageously allows for a finger motion rail (2) to be automatically shifted along the adjustment rail (30) using the drive (10) already provided on a therapeutic device (1) for the finger motion rail (2), and for same to be fixed on the adjustment rail (30) and therefore on the therapeutic device (1) in a desired position according to the finger length or hand size/length of the user, in order to then be able to carry out a continuous, passive and/or actively assisted movement of a finger and/or of a thumb of a hand in a stable position. Time-consuming manual adjustment is thereby advantageously avoided.

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