

Title (en)

VIBRATION UNIT AND USE THEREOF IN A VIBRATION ERGOMETER FOR THE LOWER AND UPPER EXTREMITIES

Title (de)

VIBRATIONSEINHEIT SOWIE DEREN VERWENDUNG IN EINEM VIBRATIONSERGOMETER FÜR DIE UNTEREN UND OBEREN EXTREMITÄTEN

Title (fr)

UNITÉ VIBRANTE ET UTILISATION ASSOCIÉE DANS UN ERGOMÈTRE À VIBRATIONS POUR LES EXTRÉMITÉS INFÉRIEURES ET SUPÉRIEURES

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Application

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Abstract (en)

[origin: WO2022189253A1] The invention relates to a bicycle ergometer, comprising at least one pedaling device for a user and a vibration unit, wherein: the vibration unit has at least one main shaft (12), which is driven directly or indirectly by a motor (54) and has an eccentric disk (6) fastened thereto; the eccentric disk (6) is rotatably coupled to a connecting rod (1); and the connecting rod (1) transmits, by means of a rod eye (1a) disposed on opposite from the eccentric disk (6), the vibrations to the bearing (29) of the pedaling device such that the vibrations are applied substantially exclusively to this bearing (29) in the vertical direction.

IPC 8 full level

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