

Title (en)
THE APPARATUS FOR TRACTION AND VIBRATION OF THE HIP JOINT

Title (de)
VORRICHTUNG FÜR TRAKTION UND VIBRATION DES HÜFTGELENKS

Title (fr)
APPAREIL POUR LA TRACTION ET LA VIBRATION DE L'ARTICULATION DE LA HANCHE

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Application
EP 21175657 A 20210525

Priority
HR P20200856 A 20200527

Abstract (en)
The invention discloses the apparatus for traction and vibration of the hip joint, and its use in the treatment of therapy and management of pain caused by the hip condition related to coxarthrosis, nerve compression syndrome, hip labral tear and the like. The apparatus for traction and vibration of the hip joint, comprises base (1), main housing (7) with electronical components, wherein assembly for moving along Z axis (2) by making use of central linear electric motor (13), assembly for moving along X axis (3) containing bearings (17), horizontal linear electric motor (14) and ventral-caudal traction mechanism having fixator of the proximal part of the lower leg (4) and fixator of the distal part of the lower leg (5), lateral traction mechanism (12), fixing mechanism and vibration unit and operating software. This method of treatment is superior to manual traction and vibration technique since it is not dependent on the human factor and more efficiently alleviates pain and postpones or even eliminates the need for surgery of the hip.

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Citation (applicant)
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Citation (search report)
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