

Title (en)
Upper torso exercise apparatus

Title (de)
Oberkörper-Übungsvorrichtung

Title (fr)
Appareil d'exercice du torse

Publication
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Application
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Abstract (en)

An exercise apparatus (100) comprising a bench (110) and a dorsal support (120), the apparatus further comprising a movable upper torso support (200). The apparatus is suitable to support the lower torso of a human user by means of the bench (110) and the dorsal support (120) and that portions of the upper torso of the human user can be lifted relative to the lower torso by the movable upper torso support (200). In another aspect, the invention relates to a method of exercising the upper torso by providing an apparatus which supports the lower torso and which is suitable to guide a force exerted by a user's legs to the upper torso of a user and uses this force to induce a stretching motion of a portion of the upper torso relative to the lower torso of a user.

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Citation (applicant)

- WO 2005011815 A2 20050210 - STEARNS TECHNOLOGIES INC [US]
- US 2008312053 A1 20081218 - KAY SCOTT A [US]
- DE 10211145 A1 20021010 - VASSALLO STEPHANE [DE]
- DE 29809695 U1 19980917 - BRYLKA THEOPHIL DR [DE]
- DE 29605784 U1 19960829 - HINZ KLAUS [DE]

Citation (search report)

- [X] EP 0950390 A2 19991020 - BACKUP ORTHOPEDICS LTD [IL]
- [X] US 4583532 A 19860422 - JONES J PAUL [US]
- [X] DE 3401238 A1 19850718 - KOCH HELMUT DIPL ING FH
- [X] US 2008176714 A1 20080724 - BOREN JOHN P [US]

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