Title (en)

Device for the stimulation of the human body by vibrations

Title (de)

Gerät zur Stimulation des menschlichen Körpers mittels Vibrationen

Title (fr)

Dispositif pour la stimulation du corps humain par vibrations

Publication

EP 1649845 A1 20060426 (DE)

Application

EP 04405659 A 20041025

Priority

EP 04405659 A 20041025

Abstract (en)

The device has a vibration plate (1) coupled over an elastic unit (2) in an intermediate unit (3) and the intermediate unit coupled at a base plate (5), a base frame or a base housing by an elastic unit (4). The unit (3) rests on a support in an operational state of the device and has a basic layout similar to that of the vibrating plate. A shaft that carries a weight is rotatably mounted and directly coupled to the vibrating plate.

IPC 8 full level

A61H 23/02 (2006.01)

CPC (source: EP KR US)

A61H 1/005 (2013.01 - EP US); **A61H 23/02** (2013.01 - KR); **A61H 23/0254** (2013.01 - EP US); **A61H 23/0263** (2013.01 - EP US); A61H 2201/0165 (2013.01 - EP US); A61H 2201/0169 (2013.01 - EP US); A61H 2201/1635 (2013.01 - EP US); A61H 2201/164 (2013.01 - EP US); A61H 2203/0406 (2013.01 - EP US)

Citation (search report)

- [X] US 4535760 A 19850820 - IKEDA SHIGAYUKI [JP], et al
- [X] US 3064642 A 19621120 - STEWART JAMES B
- [XA] US 1784082 A 19301209 - WEBB ADOLPHUS M
- [A] US 5468215 A 19951121 - PARK CHAN-MIN [KR]
- [A] US 6106491 A 20000822 - GIANUTSOS JOHN G [US]

Cited by

WO2011096008A1; EP1990037A1; ITRM20100041A1; EP2147668A1; EP3517090A1; WO2008138555A1; WO2007124917A3; US6218416B1; US9393171B2; US6225344B1; EP1813245A1; US6218422B1; WO2011036531A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1649845 A1 20060426; CN 101155570 A 20080402; EP 1827350 A1 20070905; JP 2008517679 A 20080529; KR 20070098793 A 20071005; US 2010179459 A1 20100715; WO 2006045213 A1 20060504

DOCDB simple family (application)

EP 04405659 A 20041025; CH 2005000626 W 20051025; CN 200580036189 A 20051025; EP 05794275 A 20051025; JP 2007538237 A 20051025; KR 20077011809 A 20070525; US 57785505 A 20051025