

Title (en)
VIBRATOR, VIBRATION UNIT, AND VIBRATOR CONTROL METHOD

Title (de)
VIBRATOR, VIBRATIONSEINHEIT UND METHODE ZUR VIBRATORSTEUERUNG

Title (fr)
VIBROMASSEUR, UNITE DE VIBRATION ET PROCEDE DE COMMANDE DUDIT VIBROMASSEUR

Publication
EP 1297813 A4 20070808 (EN)

Application
EP 01943888 A 20010629

Priority

- JP 0105672 W 20010629
- JP 2000199599 A 20000630
- JP 2000344502 A 20001110

Abstract (en)
[origin: EP1297813A1] A vibrator, wherein massaging balls (treating elements) (201a to 201d) are supported by a treating unit (110) allowed to move along guide rails (101L, 101R), and the treating unit (110) swingably supports a roller support link for lifting (409) rotatably supporting a roller for lifting (311), whereby the position of the treating unit (110) in longitudinal direction relative to the guide rails (101L, 101R) can be altered on either the upper and lower sides by altering the swing angle of the lifting-use roller supporting links (409). <IMAGE>

IPC 1-7
A61H 1/00; **A61H 15/00**; **A61H 37/00**

IPC 8 full level
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Citation (search report)

- [X] JP S6483262 A 19890329 - MATSUSHITA ELECTRIC WORKS LTD
- [X] US 3882856 A 19750513 - HEUSER GORDON D, et al
- [X] DE 3429392 A1 19860220 - INADA NICHIMU
- [X] DE 29707594 U1 19970724 - OKIN GES FUER ANTRIEBSTECHNIK [DE]
- See references of WO 0202045A1

Cited by
FR3027513A1; EP1529511A3; WO2008046199A1

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EP 1297813 A1 20030402; **EP 1297813 A4 20070808**; AU 6636001 A 20020114; CN 1457250 A 20031119; JP 2002078767 A 20020319; KR 100522861 B1 20051024; KR 20030014396 A 20030217; TW 508237 B 20021101; WO 0202045 A1 20020110

DOCDB simple family (application)
EP 01943888 A 20010629; AU 6636001 A 20010629; CN 01812118 A 20010629; JP 0105672 W 20010629; JP 2000344502 A 20001110; KR 20027017784 A 20010629; TW 90115937 A 20010629