

Title (en)  
MESSAGE DEVICE

Title (de)  
MESSAGEGERÄT

Title (fr)  
APPAREIL DE MASSAGE

Publication  
**EP 2320850 A1 20110518 (DE)**

Application  
**EP 09765449 A 20090616**

Priority  
• DE 2009000839 W 20090616  
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Abstract (en)  
[origin: CA2731537A1] The invention relates to a massage device comprising an essentially cylindrical housing, with electromechanical means arranged in the housing for generating mechanical vibrations, along with electronic means arranged in the housing for activating the means for generating mechanical vibrations, and with a power source, connected to the means for generating mechanical vibrations and the electromechanical means, wherein the means for generating mechanical vibrations comprise at least one coil element and at least one ferromagnetic core arranged parallel or coaxial with the coil element and movably guided parallel to the cylinder axis, characterized in that the core has a mass  $m_1$ , the mass ratio  $m_1:m_2$  of which to the total mass  $m_2$  of the massage device is in the range from 1:100 to 1:3.

IPC 8 full level  
**A61H 19/00** (2006.01)

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**A61H 2205/087** (2013.01 - KR)

Citation (search report)  
See references of WO 2009152813A1

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DE202017106343U1; WO2019077100A1; DE202020104999U1; WO2017081291A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
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DOCDB simple family (publication)  
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EP 2320850 B1 20130821; ES 2429127 T3 20131113; HK 1159468 A1 20120803; JP 2011524216 A 20110901; JP 5630717 B2 20141126;  
KR 101980496 B1 20190520; KR 20110040841 A 20110420; KR 20160117645 A 20161010; KR 20180032594 A 20180330;  
PL 2320850 T3 20140131; RU 2011101504 A 20120727; RU 2510260 C2 20140327; US 2011144426 A1 20110616; US 9192542 B2 20151124;  
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KR 20117001135 A 20090616; KR 20167027146 A 20090616; KR 20187004585 A 20090616; PL 09765449 T 20090616;  
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