

Title (en)

A massage device, a flexible skin covering said massage device and a method for reducing audible noise of a massage device

Title (de)

Massagegerät, biegsame Verkleidung für dieses Massagegerät und Verfahren zur Reduktion von hörbarem Geräusch eines Massagegeräts

Title (fr)

Dispositif de massage, enveloppe extérieure flexible de ce dispositif de massage et procédé de réduction de bruit audible d'un dispositif de massage

Publication

EP 2130525 A1 20091209 (EN)

Application

EP 08157725 A 20080606

Priority

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Abstract (en)

A massage device (10) comprises a massage housing (100) and a vibration generating source (160). The massage device is characterised in that the massage device further comprises a vibration filter (140, 150, 770). The vibration filter may comprise a suspension (140, 150) that is coupled between the massage housing (100) and the vibration generating source (160). The vibration filter may further comprises a flexible skin (770) covering the massage device (10). With the vibration filter a transfer of the vibration frequency components from the vibration generating source to the outside air is influenced in that vibrations that are not effective for the massage but are contributing to a noisy sound are damped.

IPC 8 full level

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CPC (source: EP)

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A61H 2201/025 (2013.01)

Citation (applicant)

US 2007179412 A1 20070802 - IMBODEN ETHAN F [US], et al

Citation (search report)

- [X] GB 2116430 A 19830928 - SMITH DOUGLAS ALAN
- [X] US 2007129599 A1 20070607 - NAN SIMON S M [CA]
- [X] WO 2008003980 A1 20080110 - LRC PRODUCTS [GB], et al
- [X] GB 2114446 A 19830824 - MATSUSHITA ELECTRIC WORKS LTD
- [X] US 2007179412 A1 20070802 - IMBODEN ETHAN F [US], et al
- [X] GB 2429918 A 20070314 - BAILEY COLIN [GB]
- [X] DE 2205031 A1 19730809 - GLAGE ULRICH
- [X] DE 1928876 B1 19710128 - SCHEUBECK OSKAR

Cited by

CN103945814A; CN103961243A; FR3056398A1; WO2013048903A1; WO2014149954A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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