

Title (en)
Skin care pad with ultrasonic transducer

Title (de)
Hautpflegekissen mit Ultraschallwandler

Title (fr)
Coussin pour le soin de la peau comprenant un transducteur à ultrason

Publication
EP 1433455 A1 20040630 (EN)

Application
EP 03447296 A 20031218

Priority
• JP 2002378934 A 20021227
• JP 2002378933 A 20021227

Abstract (en)
A cosmetic device for improving skin conditions comprises: (i) a fluid-storing portion (10) fluid-tightly storing a fluid therein comprised of a thin material, on a surface of which portion a planar contact surface (11) adapted to contact a skin is formed; and (ii) at least one ultrasonic transducer (20,20a,20b,20c,20d) disposed near or at the fluid-storing portion to propagate ultrasonic waves through the fluid to the skin. The fluid is fluid-tightly stored in the fluid-storing portion and is not in contact with the body. Ultrasonic waves are propagated through the fluid to a skin. <IMAGE>

IPC 1-7
A61H 23/02

IPC 8 full level
A45D 44/22 (2006.01); **A61H 23/02** (2006.01)

CPC (source: EP KR)
A45D 44/22 (2013.01 - KR); **A61H 23/02** (2013.01 - KR); **A61H 23/0245** (2013.01 - EP); **A61H 2201/5007** (2013.01 - EP)

Citation (search report)
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• [X] GB 684165 A 19521210 - USAG ULTRASCHALL GES ZURICH
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Citation (examination)
REUTER: "Werkstoffprüfung: Einführung in die Ultraschallprüfung (10.99)", FH HH, Retrieved from the Internet <URL:http://thiessen-beratung.de/rtr-wpl-us.pdf>

Cited by
CN102137650A; US2021186803A1; WO2010028042A1; EP2346571A4

Designated contracting state (EPC)
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DOCDB simple family (application)
EP 03447296 A 20031218; KR 20030070961 A 20031013