Title (en)
LIPOSUCTION OF VISCERAL FAT USING TISSUE LIQUEFACTION

Title (de)
LIPOSUKTION VON KÖRPERFETT MIT GEWEBEVERFLÜSSIGUNG

Title (fr)
LIPOSUCCION DE GRAISSES VISCÉRALES UTILISANT UNE LIQUÉFACTION DE TISSU

Publication
EP 2252341 A1 20101124 (EN)

Application
EP 09708225 A 20090206

Priority
• US 2009033372 W 20090206
• US 6518708 P 20080207

Abstract (en)
[origin: WO2009100319A1] Visceral fat may be removed from a subject using a cannula (30) that has an interior cavity and an orifice (37) configured to permit material to enter the cavity. This is accomplished by generating a negative pressure in the cavity so that a portion of the tissue is drawn into the orifice. Fluid is then delivered in pulses, via a conduit (35), so that the fluid exits the conduit within the cavity and impinges against the portion of the tissue that was drawn into the orifice. The fluid is delivered at a pressure and temperature that causes the visceral fat to soften, liquefy, or gellify, without damaging the subject's internal organs that are in the vicinity of the visceral fat. The visceral fat that has been softened, liquefied, or gellified is then suctioned away.

IPC 8 full level
A61M 1/00 (2006.01); **A61B 17/32** (2006.01)

CPC (source: EP US)
A61B 17/3203 (2013.01 - EP US); **A61M 1/77** (2021.05 - EP US); **A61M 1/89** (2021.05 - EP US); A61M 2202/08 (2013.01 - EP)

C-Set (source: EP)
A61M 2202/08 + A61M 2202/0014

Citation (search report)
See references of WO 2009100319A1

Citation (examination)
• US 4108211 A 19780822 - TANAKA HITOSHI
• US 2004236316 A1 20041125 - DANITZ DAVID J [US], et al

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)
AL BA RS

DOCDB simple family (publication)
WO 2009100319 A1 20090813; BR PI0907738 A2 20150714; CA 2714428 A1 20090813; CA 2714428 C 20160628; EP 2252341 A1 20101124; JP 2011511670 A 20110414; JP 2015091326 A 20150514; JP 5703030 B2 20150415

DOCDB simple family (application)
US 2009033372 W 20090206; BR PI0907738 A 20090206; CA 2714428 A 20090206; EP 09708225 A 20090206; JP 2010546043 A 20090206; JP 2014244966 A 20141203