

Title (en)

COOLING SYSTEM WITH AT LEAST ONE CHAMBER FOR LOCALIZED COOLING TREATMENT

Title (de)

KÜHLSYSTEM MIT MINDESTENS EINER KAMMER ZUR LOKALEN KÜHLBEHANDLUNG

Title (fr)

SYSTÈME DE REFROIDISSEMENT AVEC AU MOINS UNE CHAMBRE POUR UN TRAITEMENT DE REFROIDISSEMENT LOCALISÉ

Publication

**EP 4228567 A1 20230823 (EN)**

Application

**EP 21815724 A 20211016**

Priority

- US 202063093181 P 20201017
- US 2021055324 W 20211016

Abstract (en)

[origin: WO2022082076A1] A cooling applicator cools a target area of the skin to crystalize the fat cells thereunder which reduces the fat cells within the target area of the body without damaging the skin. The applicator has one or more chambers where each of the chambers define a pocket adapted to draw a target area of the skin therein such as by using vacuum pressure. As the target area of the skin is pulled into one or more pockets, the target area forms an irregular shape thereby increasing the surface area juxtaposed to the chambers and minimizing the overall thickness under the target area of the skin including the fat cells. With the increased surface area of the skin and the fat cells being closer to the chamber, the fat cells are more efficiently cooled to crystalize the fat cells while minimizing the pain.

IPC 8 full level

**A61F 7/00** (2006.01)

CPC (source: EP)

**A61F 7/007** (2013.01); **A61F 2007/0052** (2013.01); **A61F 2007/0075** (2013.01)

Citation (search report)

See references of WO 2022082076A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

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