

Title (en)  
CHEEK-THINNING INSTRUMENT

Title (de)  
VORRICHTUNG FÜR SCHMALERE WANGEN

Title (fr)  
INSTRUMENT AMINCISSANT LES JOUES

Publication  
**EP 2022540 A4 20090826 (EN)**

Application  
**EP 07743517 A 20070510**

Priority  
• JP 2007060082 W 20070510  
• JP 2006161550 A 20060515  
• JP 2006324848 A 20061101

Abstract (en)  
[origin: EP2022540A1] It is an object of the present invention is to provide a cheek-thinning instrument which is designed to thin cheeks by an exercise of the entirety of facial muscles, to burn off fat of sagging cheeks. In particular, the cheek-thinning instrument comprises a shaft and a pair of pushing parts which can be inserted into an oral cavity between an upper gum and inner surfaces of the right and left cheeks, or between a lower gum and the right and left cheeks, and which can apply a load to the entirety of facial muscles by an opening and closing exercise of lips while the shaft is being pulled upward or downward of face.

IPC 8 full level  
**A63B 23/03** (2006.01)

CPC (source: EP KR US)  
**A63B 21/028** (2013.01 - EP US); **A63B 23/03** (2013.01 - KR); **A63B 23/032** (2013.01 - EP US); **A63B 2210/50** (2013.01 - EP US)

Citation (search report)  
• [X] US 6436034 B1 20020820 - FUNATOGAWA HIROYUKI [JP]  
• [X] WO 9320900 A1 19931028 - FRASER ROSA ANNA [GB]  
• [X] US 1389436 A 19210830 - CAMERON WILLIAM J  
• [X] US 2001034474 A1 20011025 - RYAN BRUCE P [US]  
• [X] US 3744485 A 19730710 - WORTHY G  
• See references of WO 2007132904A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 2022540 A1 20090211**; **EP 2022540 A4 20090826**; AU 2007250761 A1 20071122; AU 2007250761 A2 20081113;  
JP 2007330762 A 20071227; JP 4660783 B2 20110330; KR 20090008313 A 20090121; RU 2008149089 A 20100620;  
US 2010190611 A1 20100729; WO 2007132904 A1 20071122

DOCDB simple family (application)  
**EP 07743517 A 20070510**; AU 2007250761 A 20070510; JP 2006324848 A 20061101; JP 2007060082 W 20070510;  
KR 20087026785 A 20081031; RU 2008149089 A 20070510; US 22563407 A 20070510