Devices, systems, and methods treat cosmetic defects, and often apply cooling with at least one tissue-penetrating probe inserted through the skin of a patient. The cooling may remodel one or more target tissues in order to effect a desired change in a composition of the target tissue and/or a change in its tissue. Exemplary embodiments of the cooling treatments will interfere with the nerve/muscle contractile function chain so as to mitigate wrinkles of the skin. Related treatments may be used therapeutically for treatment of buck and other muscle spasms, chronic pain, and the like. Some embodiments may remodel subcutaneous adipose tissue so as to alter a shape or appearance of the skin surface.
For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
**INTERNATIONAL SEARCH REPORT**

**A. CLASSIFICATION OF SUBJECT MATTER**

- **IPC:** A61B 18/18 (2006.01)

- **USPC:** 606/21

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

- **U.S.:** 606/20-26

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database consulted during the international search (name of database and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>US 6,032,675 A (RUBINSKY) 07 March 675, see whole document.</td>
<td>1,2,5-23,25-34,42-47</td>
</tr>
<tr>
<td>Y</td>
<td>US 6,706,037 B2 (ZVULONI et al) 16 March 2004, see whole document.</td>
<td>35-41</td>
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<tr>
<td>A</td>
<td>US 6,142,991 A (SCHATZBERGER) 07 November 2000, see whole document.</td>
<td>28-47</td>
</tr>
</tbody>
</table>

_Further documents are listed in the continuation of Box C._

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Date of the actual completion of the international search 07 October 2006 (07.10.2006)

Date of mailing of the international search report 05 JAN 2007

Name and mailing address of the ISA/US

- **Mail Stop PCT, Attn: ISA/US**
- **Commissioner for Patents**
- **P.O. Box 1450**
- **Alexandria, Virginia 22313-1450**

Facsimile No. (571) 273-3201

Authorized officer: Linda Dvorak

Telephone No. (571) 272-3700

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