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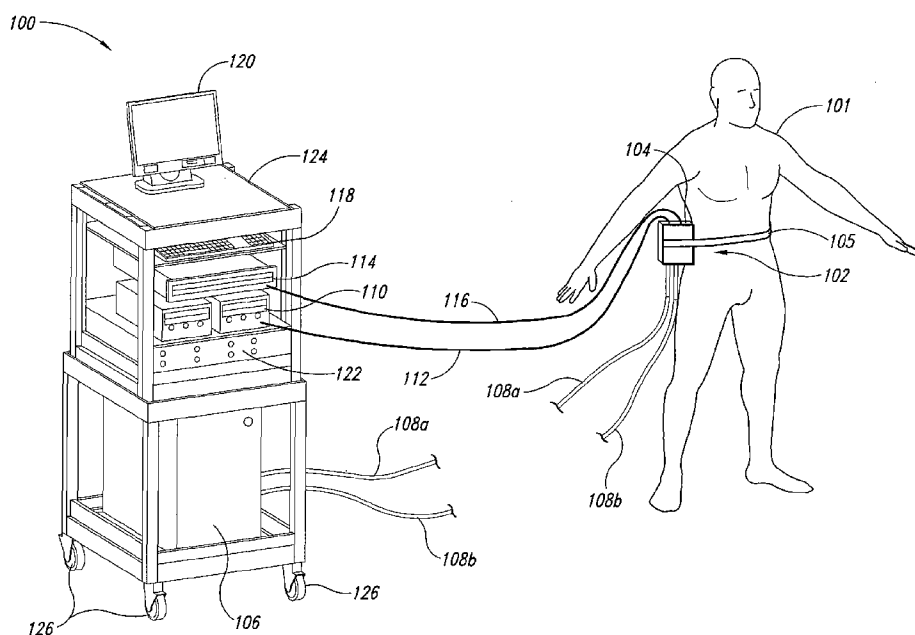
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[Continued on next page]

(54) Title: CRYOPROTECTANT FOR USE WITH A TREATMENT DEVICE FOR IMPROVED COOLING OF SUBCUTANEOUS LIPID-RICH CELLS



(57) Abstract: A cryoprotectant for use with a treatment device for improved removal of heat from subcutaneous lipid-rich cells of a subject having skin is provided. The cryoprotectant is a non-freezing liquid, gel, or paste for allowing pre-cooling of the treatment device below 0°C while preventing the formation of ice thereon. The cryoprotectant may also prevent freezing of the treatment device to the skin or ice from forming from moisture seeping out from the skin. The cryoprotectant may further be hygroscopic, thermally conductive, and biocompatible.

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 USPC - 607/101
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B. FIELDS SEARCHED
 Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 MicroPatent, DialogPro, Google Scholar, Google Patent

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X -- Y	US 7,022,121 B2 (STERN et al) 04 April 2006 (04.04.2006) entire document	1, 8-11, 13, 14, 17, 18, 26, 27, 35, 37-39
Y	US 5,336,616 A (LIVESEY et al) 09 August 1994 (09.08.1994) entire document	2-7, 12, 15-16, 19-25, 28-34, 36, 40
Y	US 5,755,753 A (KNOWLTON) 26 May 1998 (26.05.1998) entire document	12

Further documents are listed in the continuation of Box C.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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