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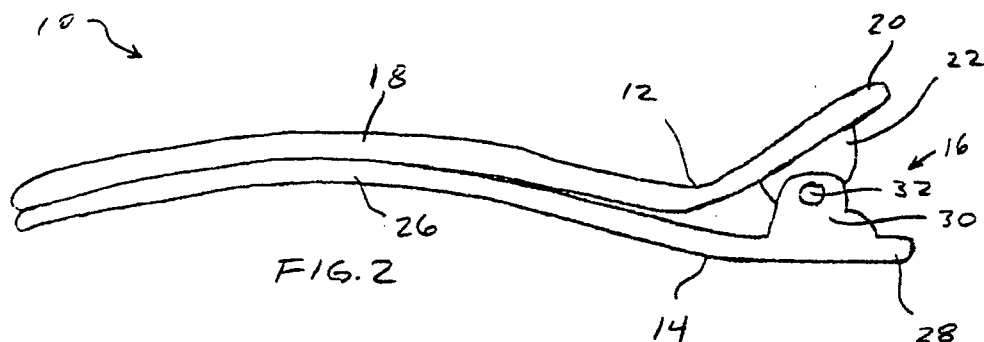
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(54) **Non-burning roller and curl clips**

(57) The disclosure is directed to a hair retaining clip that may include an upper clip member (12) including an upper arm (18) and a grip portion (20), and a lower clip member (14) including a lower arm (26) and a grip portion (28). The upper and lower clip members may be pivotally connected such that the first and second clip members are rotatable between a normal closed position and an open position, and the upper and lower clip members may be biased toward the normal closed position. The

upper and low clip members may be fabricated from a material having a thermal conductivity in the range of 0.20-0.35 W/m K so that the material does not retain excessive heat and the temperature of the clip does not rise to an uncomfortable level when the clip is subjected to heat from a hair dryer. The material may also have a static coefficient of friction between opposing surface of the material in the range of 0.15-0.25, and a Rockwell R-scale hardness in the range of 76-118.



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**PARTIAL EUROPEAN SEARCH REPORT**

Application Number

under Rule 62a and/or 63 of the European Patent Convention.
This report shall be considered, for the purposes of
subsequent proceedings, as the European search report

EP 07 01 4519

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 5 294 777 A (DENHUP PAUL [US]) 15 March 1994 (1994-03-15) * column 1, line 53 - line 22; claims; figures *	1-7	INV. A45D2/24 A45D2/26
X	US 2 935 071 A (WAGGENER FRANCES S) 3 May 1960 (1960-05-03) * column 1, line 15 - line 20; claims; figures *	1-7	
X,P	US 2006/162738 A1 (CHUDZIK STAN [US] ET AL) 27 July 2006 (2006-07-27) * paragraphs [0002], [0008], [0029]; claims; figures *	1-7	
X	US 4 343 321 A (CARANICAS JOHN C) 10 August 1982 (1982-08-10) * column 2, line 58 - line 61; figures *	1-7	
X	US 2004/055616 A1 (TWOMEY CINDY L [US]) 25 March 2004 (2004-03-25) * the whole document *	1-7	
			TECHNICAL FIELDS SEARCHED (IPC)
			A45D
INCOMPLETE SEARCH			
<p>The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R.62a, 63) has been carried out.</p> <p>Claims searched completely :</p> <p>Claims searched incompletely :</p> <p>Claims not searched :</p> <p>Reason for the limitation of the search:</p> <p>see sheet C</p>			
Place of search		Date of completion of the search	Examiner
Munich		1 February 2011	Acerbis, Giorgio
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>& : member of the same patent family, corresponding document</p>			

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EPO FORM 1503 03/82 (P04E07)



**INCOMPLETE SEARCH
SHEET C**

Application Number

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Claim(s) completely searchable:
1-7

Claim(s) not searched:
8-20

Reason for the limitation of the search:

Rule 62(a) EPC

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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01-02-2011

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