

Title (en)

HAIR GRIP WITH A CONNECTION WORKING IN ELONGATION

Title (de)

HAARSPANGE MIT EINER IN VERLÄNGERUNG ARBEITENDEN VERBINDUNG

Title (fr)

PINCE À CHEVEUX MUNIE D' UN LIEN TRAVAILLANT EN ELONGATION

Publication

EP 1684609 A1 20060802 (FR)

Application

EP 04766493 A 20040813

Priority

- EP 2004051790 W 20040813
- FR 0302720 W 20030915
- EP 2004050203 W 20040224
- EP 04766493 A 20040813

Abstract (en)

[origin: WO2005025370A1] The invention relates to a hair clip comprising two clamps (1, 3) which are articulated such they can move in relation to one another in an open position or in a closed position. According to the invention, a link (11) is fixed to each clamp and is stretched therebetween such that, when the two clamps are moved from the closed position to the open position, the link is elongated and exerts a return force opposing said movement in order to return the two clamps to the closed position. In one embodiment of the invention, the two clamps (1, 3) are articulated by means of two coaxial shafts (61, 62) such that, when the two clamps are moved from the closed position to the open position, the link can pass between the two coaxial shafts or between two coaxial cylindrical links in order to exert a return force that will return the two clamps to the open position.

IPC 8 full level

A45D 8/20 (2006.01); **A45D 2/42** (2006.01)

CPC (source: EP KR US)

A45D 2/42 (2013.01 - EP US); **A45D 8/14** (2013.01 - KR); **A45D 8/20** (2013.01 - EP US)

Citation (search report)

See references of WO 2005025371A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005025370 A1 20050324; AT E468776 T1 20100615; CN 100475078 C 20090408; CN 1870917 A 20061129; DE 602004027408 D1 20100708; EP 1684609 A1 20060802; EP 1684609 B1 20100526; KR 101162694 B1 20120705; KR 20060066113 A 20060615; US 2006219255 A1 20061005; US 2010108090 A1 20100506; US 7631649 B2 20091215

DOCDB simple family (application)

EP 2004050203 W 20040224; AT 04766493 T 20040813; CN 200480026630 A 20040813; DE 602004027408 T 20040813; EP 04766493 A 20040813; KR 20067005187 A 20040813; US 37638106 A 20060315; US 60848709 A 20091029