

Title (en)

Hidden spring hinge for hair article

Title (de)

Verdecktes Federgelenk für Haarartikel

Title (fr)

Articulation à ressort caché pour article de chevelure

Publication

EP 1103201 B1 20020403 (FR)

Application

EP 00420236 A 20001115

Priority

FR 9915224 A 19991129

Abstract (en)

[origin: EP1103201A1] Hair-grip has two jaws (1,4) pivoted together (7) by hinge (8) having coil spring (14) around pivot axis. Spring is enclosed in opaque casing (16) which has open end for passage of radially extending end (15) of spring. Casing is formed integrally and has flange covering groove of pin which is apertured to lock pivot action. Other end of casing has no flange but has second pin (10) with second groove continued on side surface of casing.

IPC 1-7

A45D 8/20

IPC 8 full level

A45D 8/14 (2006.01); **A45D 8/20** (2006.01); **F16C 11/04** (2006.01)

CPC (source: EP US)

A45D 8/20 (2013.01 - EP US)

Cited by

FR2898023A1; WO2007099441A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1103201 A1 20010530; EP 1103201 B1 20020403; AT E215324 T1 20020415; CA 2326679 A1 20010529; CA 2326679 C 20050308; CN 1136805 C 20040204; CN 1354995 A 20020626; DE 60000110 D1 20020508; DE 60000110 T2 20021114; ES 2174807 T3 20021116; FR 2801477 A1 20010601; FR 2801477 B1 20020118; JP 2001190322 A 20010717; JP 3462173 B2 20031105; SG 87911 A1 20020416; US 6354307 B1 20020312

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