

Title (en)

Adjusting mechanism for bands, especially headbands

Title (de)

Verstellmechanismus für Bänder, insbesondere Stirnbänder

Title (fr)

Mécanisme d'ajustement pour une bande, notamment un bandeau

Publication

**EP 0796568 A1 19970924 (EN)**

Application

**EP 97104847 A 19970321**

Priority

NO 961201 A 19960322

Abstract (en)

An adjusting mechanism (1) for bands, especially headbands, comprises a housing (2) and a band (3) with a longitudinal slit (4) at each end. Each of the slits (4) has a row of teeth (5) on sides opposite each other, and the slits overlap each other inside the housing (2). Furthermore the housing (2) has an adjusting knob (6) with a cogwheel (7) engaged with the slits' teeth (5) inside the housing (2) and a gripping part (8) outside the housing for manual rotation of the cogwheel (7) about the adjusting knob's (6) axis. The housing (2) has at least one braking section (9) which exerts a rotation-impeding force on a corresponding circular gripping section (10) on the adjusting knob's gripping part (8), which force is great enough to secure the cogwheel (7) in an adjusted position. The braking section (9) and the gripping section (10) are preferably arranged on the outer edge of the gripping part (8). <IMAGE>

IPC 1-7

**A42B 3/14; A44B 11/06**

IPC 8 full level

**A42B 3/14** (2006.01)

CPC (source: EP)

**A42B 3/145** (2013.01)

Citation (search report)

- [X] US 5357654 A 19941025 - HSING-CHI HSIEH [TW]
- [X] US 3325824 A 19670620 - DONEGAN WILLIAM J
- [X] US 5373588 A 19941220 - HEDE JEAN MARC [FR], et al
- [A] EP 0580556 A1 19940126 - OPTREL AG [CH]
- [AD] US 4942628 A 19900724 - FREUND PAUL X [US]

Cited by

CN109380817A; CN103976858A; GB2362802A; GB2362802B; US9895280B2; WO03068069A3; WO2015169113A1; WO2006110077A1

Designated contracting state (EPC)

AT BE CH DE DK FR GB LI NL SE

DOCDB simple family (publication)

**EP 0796568 A1 19970924; EP 0796568 B1 20010725**; AT E203377 T1 20010815; DE 29704739 U1 19970522; DE 69705757 D1 20010830; DE 69705757 T2 20011115; NO 303422 B1 19980713; NO 961201 D0 19960322; NO 961201 L 19970923

DOCDB simple family (application)

**EP 97104847 A 19970321**; AT 97104847 T 19970321; DE 29704739 U 19970315; DE 69705757 T 19970321; NO 961201 A 19960322