

Title (en)

Hair curlers, especially for permanent wave.

Title (de)

Lockenwickler, insbesondere für Dauerwellen.

Title (fr)

Perfectionnements apportés aux bigoudis, notamment pour permanente.

Publication

EP 0060170 A1 19820915 (FR)

Application

EP 82400300 A 19820219

Priority

FR 8104226 A 19810303

Abstract (en)

1. Hair curler, more especially for a permanent wave, comprising a roller (1) on which the hair to be treated is to be rolled and locking means associated with said roller for maintaining same in position on the head of a user, said locking means comprising two clips (2) shaped as opened washers gripping round said roller, especially on ends thereof, characterized in that said locking means are adapted as a single locking device having a generally cylindrical of revolution shape, the both end faces of which are respectively constituted of said both clips (2) which are joined to each other with distance-pieces (10) circumferentially distributed and spaced from each other along the outer periphery (3) of said clips, the ends (3a) of clips being however devoid of distancepieces, that the radial size of clips is greater than the thickness of the hair to be rolled on the roller so that in use the hair is not contacted by distancepieces, and that, for at least one end distancepiece (23), the surface (24) thereof to be contacted by hair (25) is convex and curved to the curve of the clips ends, the length of said surface being such that in use it extends substantially up to the head (5) of the user.

Abstract (fr)

L'invention concerne un bigoudi, notamment pour permanente, comprenant un rouleau (1) sur lequel doivent être enroulés les cheveux à traiter et des moyens de blocage destinés à être associés au susdit rouleau pour son maintien en place sur la tête d'un utilisateur. Les moyens de blocage comprennent deux pinces (2) en forme de rondelles ouvertes sur au plus 270°, qui possèdent une partie annulaire périphérique (3) distante radialement d'un vide central dans lequel est destinée à être emboîtée une zone axiale d'extrémité du rouleau, de telle manière que les extrémités libres (3a) des parties annulaires (3) soient en appui contre la tête (5) de l'utilisateur pour empêcher le bigoudi de rouler.

IPC 1-7

A45D 2/32; A45D 2/24

IPC 8 full level

A45D 2/24 (2006.01); **A45D 2/32** (2006.01)

CPC (source: EP)

A45D 2/24 (2013.01); **A45D 2/32** (2013.01)

Citation (search report)

- [A] DE 843742 C 19520714 - BEHRENS GERHARD
- [A] DE 2748702 A1 19790503 - TUEMMLER HEINZ EFALOCK INT
- [A] US 3572350 A 19710323 - ADAMS GAIL A, et al
- [A] BE 530660 A
- [A] GB 962906 A 19640708 - NEWAY BROTHERS LTD
- [A] CH 364325 A 19620915 - ZUBER JOSEF [CH]

Cited by

US4644965A; KR102326850B1; DE4003065A1; US9132321B2; US9320946B2; WO2014003556A1; US6503161B2; US9821197B2; WO8702228A1

Designated contracting state (EPC)

AT BE CH DE GB IT NL

DOCDB simple family (publication)

EP 0060170 A1 19820915; EP 0060170 B1 19850911; AT E15436 T1 19850915; DE 3266094 D1 19851017; FR 2501021 A1 19820910; FR 2501021 B1 19841228

DOCDB simple family (application)

EP 82400300 A 19820219; AT 82400300 T 19820219; DE 3266094 T 19820219; FR 8104226 A 19810303