

Title (en)  
HAIR CURLERS, ESPECIALLY FOR PERMANENT WAVE

Publication  
**EP 0060170 B1 19850911 (FR)**

Application  
**EP 82400300 A 19820219**

Priority  
FR 8104226 A 19810303

Abstract (en)  
[origin: EP0060170A1] 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.

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)

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

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