

Title (en)  
HAIR WAVING DEVICE

Title (de)  
VORRICHTUNG ZUM ONDULIEREN VON HAAREN

Title (fr)  
DISPOSITIF POUR ONDULER LES CHEVEUX

Publication  
**EP 1446032 A1 20040818 (FR)**

Application  
**EP 02774842 A 20020726**

Priority  
• FR 0202687 W 20020726  
• FR 0110461 A 20010803

Abstract (en)  
[origin: FR2828072A1] The hair curler has a frame (2) made up of two longitudinal bars (5) connected by cross-bars (6), through which the hair is threaded. Curved spring clips (3) swivel across to hold the curler in place.

IPC 1-7  
**A45D 2/38**; **A45D 2/24**

IPC 8 full level  
**A45D 2/24** (2006.01); **A45D 2/38** (2006.01)

CPC (source: EP)  
**A45D 2/2407** (2013.01); **A45D 2/38** (2013.01)

Citation (search report)  
See references of WO 03015565A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
**FR 2828072 A1 20030207**; **FR 2828072 B1 20040716**; EP 1446032 A1 20040818; WO 03015565 A1 20030227

DOCDB simple family (application)  
**FR 0110461 A 20010803**; EP 02774842 A 20020726; FR 0202687 W 20020726