

Title (en)  
ELECTRICAL HEATING CAP.

Title (de)  
ELEKTRISCHE HEIZUNGSKAPPE.

Title (fr)  
BONNET CHAUFFANT ELECTRIQUE.

Publication  
**EP 0154621 A4 19860128 (EN)**

Application  
**EP 83903037 A 19830829**

Priority  
US 8301319 W 19830829

Abstract (en)  
[origin: WO8501178A1] A heat cap (30) for applying heat to hair on a user's head, primarily to pile or row (42) of hair along the top of a user's head. The heat cap (30) is shaped to conform substantially to the shape of the user's head with the pile of hair thereon so as to apply heat evenly to the hair. An electrical heating coil (124) is disposed in and attached to the heat cap only in those areas (52) where heat is desired for the hair and is absent in areas (54) of the heat cap where it is undesirable to apply heat to the head. An adjustable flap (62, 64) with an attachment (66, 68) on each side of the heat cap enables the size of the cap to be adjusted to fit different users. The adjustable flaps (62, 64) also tend to hold the cap outward away from the ear and lower sides of the head and can be easily opened to enable access (60) to the user's ear while the heat cap is being worn. An electrical thermostat automatically brings the heat cap to an optimal temperature and maintains the temperature during the desired conditioning period. The heat cap (30) is manufactured by cutting a plurality of similarly shaped flat pieces (32, 34) and joining them together along certain corresponding sides (36), and then disposing the heating coil (124) between the flat pieces.

IPC 1-7  
**H05B 3/06**

IPC 8 full level  
**H05B 3/20** (2006.01); **H05B 3/06** (2006.01); **H05B 3/34** (2006.01)

CPC (source: EP)  
**H05B 3/342** (2013.01); **H05B 2203/003** (2013.01); **H05B 2203/014** (2013.01)

Citation (search report)

- [EL] US 4459471 A 19840710 - HULETT JOHN G [US], et al
- See references of WO 8501178A1

Cited by  
DE102014012663A1; DE102014012663B4

Designated contracting state (EPC)  
AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)  
**WO 8501178 A1 19850314**; AT E58815 T1 19901215; AU 2035483 A 19850329; AU 565756 B2 19870924; DE 3382037 D1 19910110; EP 0154621 A1 19850918; EP 0154621 A4 19860128; EP 0154621 B1 19901128; JP S60502231 A 19851219

DOCDB simple family (application)  
**US 8301319 W 19830829**; AT 83903037 T 19830829; AU 2035483 A 19830829; DE 3382037 T 19830829; EP 83903037 A 19830829; JP 50304883 A 19830829