

Title (en)  
DEVICE FOR TREATING THE HAIR WITH A LIQUID IN CLOSED-CIRCULATION PROCESS

Publication  
**EP 0281828 A3 19900124 (DE)**

Application  
**EP 88102551 A 19880222**

Priority  
DE 3708009 A 19870312

Abstract (en)  
[origin: EP0281828A2] A greater operating convenience is achieved in the device by the fact that the device (1) is provided with an automatic apparatus (20) which determines the duration of treatment. The apparatus is controlled in dependence on the electrical conductivity, which no longer changes significantly, or the pH value of the treatment liquid (23). <IMAGE>

IPC 1-7  
**A45D 19/06**; **A45D 7/04**

IPC 8 full level  
**A45D 19/00** (2006.01); **A45D 7/04** (2006.01); **A45D 19/06** (2006.01)

CPC (source: EP US)  
**A45D 7/04** (2013.01 - EP US); **A45D 19/06** (2013.01 - EP US); **Y10T 137/2509** (2015.04 - EP US); **Y10T 137/8326** (2015.04 - EP US)

Citation (search report)

- [AD] DE 8532878 U1 19860109
- [Y] US 2033812 A 19360310 - HOBART BREWER JAMES
- [Y] DE 2937493 A1 19810409 - HILGE PHILIPP GMBH [DE]
- [A] DE 1020162 C
- [A] US 4015618 A 19770405 - SCHMID ROLYN A
- [A] DE 2342351 B2 19750227

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

DOCDB simple family (publication)  
**EP 0281828 A2 19880914**; **EP 0281828 A3 19900124**; **EP 0281828 B1 19920812**; AT E79230 T1 19920815; DE 3708009 A1 19880922; DE 3708009 C2 19890615; DE 3873565 D1 19920917; ES 2033956 T3 19930401; GR 3005424 T3 19930524; JP 2603499 B2 19970423; JP S63255008 A 19881021; US 4962788 A 19901016

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