

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

Publication
EP 0272464 A3 19900124 (DE)

Application
EP 87117200 A 19871121

Priority
DE 3643417 A 19861219

Abstract (en)
[origin: US4860391A] An arrangement for treatment of hair with circulating liquid comprises a circulating pump unit provided with a pump and having a suction opening and a discharge opening. A foot is to seal an opening of a flushing basin and formed as a plug matching with the opening of the flushing basin.

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

IPC 8 full level
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)

Citation (search report)
• [AD] DE 8532878 U1 19860109
• [X] US 2033812 A 19360310 - HOBART BREWER JAMES
• [A] AT 202727 B 19590410 - FISCHER WALTER DIPL ING
• [A] AT 192068 B 19570925 - FISCHER WALTER DIPL ING

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

DOCDB simple family (publication)
EP 0272464 A2 19880629; **EP 0272464 A3 19900124**; DE 3643417 A1 19880630; JP S63161903 A 19880705; US 4860391 A 19890829

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EP 87117200 A 19871121; DE 3643417 A 19861219; JP 30683387 A 19871202; US 13328187 A 19871210