

Title (en)
HAIRDRESSING APPLIANCE WITH PERISTALTIC PUMP

Title (de)
HAARPFLEGEGERÄT MIT SCHLAUCHPUMPE

Title (fr)
APPAREIL DE COIFFURE A POMPE PERISTALTIQUE

Publication
EP 3262970 B1 20210407 (FR)

Application
EP 17184594 A 20111104

Priority
• FR 1059118 A 20101105
• EP 11306428 A 20111104

Abstract (en)
[origin: EP2449910A1] The appliance has two treatment surfaces (4, 5) carried by respective jaws (2, 3), where one of the treatment surfaces is arranged in contact with hair. The jaws are connected together so as to pass the jaws from an open position to a closed position where the treatment surfaces pinches a mesh of hair. Steam distributing units (7', 7'') distribute steam to the hair. A control unit i.e. CPU (13), controls a fluid flow regulating unit that is formed of a peristaltic pump (6) e.g. single roller pump or eccentric pump.

IPC 8 full level
A45D 1/04 (2006.01); **A45D 2/00** (2006.01)

CPC (source: EP)
A45D 1/04 (2013.01); **A45D 2/001** (2013.01); **A45D 2001/008** (2013.01)

Citation (opposition)
Opponent : AWA Benelux
• FR 2921804 A1 20090410 - SEB SA [FR]
• EP 2198736 A2 20100623 - SEB SA [FR]
• EP 1967088 A1 20080910 - SEB SA [FR]
• EP 1652445 A1 20060503 - K I C A INC [KR], et al
• WO 2007141276 A2 20071213 - CATINI MAURO [IT]
• WO 03077702 A2 20030925 - HABIBI MASOOD [US]
• US 12753 A 18550417
• FR 2811689 A1 20020118 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
• FR 2523164 A1 19830916 - SEB SA [FR]
• AITAVADE E. N., S. D. PATIL, A. N. KADAM, T., S. MULLA: "An Overview of Peristaltic Pump Suitable For Handling of Various Slurries and Liquids", IOSR JOURNAL OF MECHANICAL AND CIVIL ENGINEERING (IOSR-JMCE), 0000, pages 19 - 24, XP055880558, ISSN: 2278-1684
• SHARMISTHA BISWAS: "How to straighten your hair perfectly with a cloth iron| Must Watch| Works 100%", YOUTUBE, 28 April 2017 (2017-04-28), XP093128235, Retrieved from the Internet <URL:https://www.youtube.com/watch?v=bNOICk7dPMM>

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2449910 A1 20120509; EP 2449910 B1 20170809; EP 2449910 B3 20190501; EP 3262970 A1 20180103; EP 3262970 B1 20210407; ES 2640087 T3 20171031; ES 2640087 T7 20191016; ES 2867808 T3 20211020; FR 2967018 A1 20120511; FR 2967018 B1 20140425; PL 2449910 T3 20171130; PL 2449910 T6 20190930

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EP 11306428 A 20111104; EP 17184594 A 20111104; ES 11306428 T 20111104; ES 17184594 T 20111104; FR 1059118 A 20101105; PL 11306428 T 20111104