

Title (en)
Hair iron

Title (de)
Haareisen

Title (fr)
Fer à cheveux

Publication
EP 1894487 A1 20080305 (EN)

Application
EP 07016568 A 20070823

Priority
JP 2006236536 A 20060831

Abstract (en)
A hair iron (1) includes a main block (2) and a press block (3) hinged with each other at rear ends thereof in which iron plates (11,12) respectively installed at front portions of the main block (2) and the press block (3) are pivotally movable to contact with and separate from each other. The hair iron (1) further includes an electrostatic atomizer (20) for generating charged water particles by applying a voltage to water supplied to a discharge electrode (21) and electrostatically atomizing the water. The electrostatic atomizer (20) includes dischargers (27) for discharging the charged water particles, the dischargers (27) being disposed on opposite lateral sides of the main block (2). The charged water particles are discharged from the dischargers (27) of the electrostatic atomizer (20) in such a way that they move away from the main block (2) while being directed to intersect with an imaginary plane laterally extending from the sides of a pinch face (7) of the iron plate (11) of the main block (2).

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

CPC (source: EP KR)
A45D 1/04 (2013.01 - EP KR); **A45D 1/06** (2013.01 - KR); **A45D 2/001** (2013.01 - EP); **A45D 2001/008** (2013.01 - EP); **A45D 2200/202** (2013.01 - EP); **B05B 5/1691** (2013.01 - EP)

Citation (search report)
• [A] EP 1396208 A1 20040310 - MATSUSHITA ELECTRIC WORKS LTD [JP]
• [A] EP 1685775 A1 20060802 - MATSUSHITA ELECTRIC WORKS LTD [JP]

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FR3015875A1; US9504302B2; WO2014001128A1; WO2015097625A3; WO2015011588A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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