

Title (en)
Hair care device

Title (de)
Haarpflegevorrichtung

Title (fr)
Appareil de soins des cheveux

Publication
EP 2401939 A1 20120104 (EN)

Application
EP 11166919 A 20110520

Priority
JP 2010149088 A 20100630

Abstract (en)
To an air inlet port 2a of a hair dryer 1, a porous protection frame body 10 that finely divides an opening region of the air inlet port 2a is attached, and further, a mesh-like filter 11 that divides an opening region of the protection frame body 10 more finely is arranged on an outside of the protection frame body 10. In such a way, dust can be made less likely to deposit on the mesh-like filter 11. In addition, even if the dust adheres onto the filter 11, it becomes possible to easily remove the dust from outside, and maintenance of a portion of the air inlet port 2a can be simplified.

IPC 8 full level
A45D 20/12 (2006.01); **B01D 46/00** (2006.01); **B01D 46/10** (2006.01)

CPC (source: EP)
A45D 20/12 (2013.01); **A45D 2200/053** (2013.01); **A45D 2200/202** (2013.01)

Citation (search report)
• [X] US 5810911 A 19980922 - BEHRENDT JUERGEN [DE], et al
• [X] DE 7921427 U1 19830407
• [X] US 4634839 A 19870106 - GILBERTSON JOHN E [US]
• [X] EP 2002752 A2 20081217 - MATSUSHITA ELECTRIC WORKS LTD [JP]

Cited by
US2014345156A1; EP3275333A4; CN116272143A; GB2518641A; GB2518641B; CN113093832A; US10912364B2; WO2016151605A1; US9144286B2; US10117491B2; US9173468B2; US9282800B2; US9687058B2; US9675157B2; US10687595B2; US9808067B2; US10213001B2; US10278471B2; US10016040B2; US10610000B2; US9282799B2; US9681726B2; US9808065B2; US9808066B2; US9526310B2; US10010150B2; US10194728B2; US10575617B2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2401939 A1 20120104; CN 102309122 A 20120111; JP 2012010863 A 20120119; TW 201206369 A 20120216

DOCDB simple family (application)
EP 11166919 A 20110520; CN 201110137409 A 20110525; JP 2010149088 A 20100630; TW 100117812 A 20110520