

Title (en)
HAIR DRYER

Title (de)
HAARTROCKNER

Title (fr)
SECHE-CHEVEUX

Publication
EP 3952610 A1 20220209 (EN)

Application
EP 20190140 A 20200807

Priority
EP 20190140 A 20200807

Abstract (en)
A heater frame plate (B) has a plurality of slots (I, II, III) for accommodating a heater wire. The plurality of slots comprises a first group (I) of slots at a first angle to a central axis (A) of said plate, and a second group (II, III) of slots at a second angle to the central axis (A), the second angle being different from the first angle, a depth of a slot of the second group (II, III) exceeding a depth of a slot of the first group (I). The second angle may be between 30 and 60 degrees, and preferably between 40 and 50 degrees. A shape of at least one of the slots in the second group (II) may meander. Part of the slots of the first group (I) may be positioned between respective pairs of slots of the second group (II). A heater module (M) comprises a plurality of such heater frame plates (B), and a heating wire (W) would around the heater frame plates (B). A hair dryer comprises such a heater module, and a fan for blowing air along the heater.

IPC 8 full level
H05B 3/16 (2006.01)

CPC (source: EP)
H05B 3/16 (2013.01); **H05B 2203/014** (2013.01)

Citation (applicant)
US 4667086 A 19870519 - KEEFE RICHARD A [US]

Citation (search report)
• [X] DE 2708117 A1 19780831 - WILHELM KRUK NACHF
• [X] US 4628189 A 19861209 - DANKO MICHAEL [US]

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 3952610 A1 20220209; CN 216820121 U 20220624

DOCDB simple family (application)
EP 20190140 A 20200807; CN 202121813940 U 20210805