

Title (en)
Steam beauty machine

Title (de)
Schönheitsdampfmaschine

Title (fr)
Machine pour soins de beauté à la vapeur

Publication
EP 1839638 A1 20071003 (EN)

Application
EP 07006178 A 20070326

Priority
JP 2006087721 A 20060328

Abstract (en)
A steam beauty machine (1) has a preheating mechanism for providing preheated water to a boiling chamber. It is provided with a water supplying mechanism (2), a heater (3) and a steam discharger (4). The water supplying mechanism (2) includes a detachably mounted water tank (21), a water supply storing portion (22), a water supply path portion (23) and a vertically extending preheating path portion (24). The bottom and thereof is coupled to a substantially middle position of a second water supply path (23b) with respect to forward and backward directions. The preheating path portion (24) is also constructed such that the coupled part thereof to the second water supply path (23b) is located relatively in the vicinity of the boiling chamber (32). The heater (31) has a heating surface (31a) arranged along a vertical plane, and a heat radiating surface (31b) located behind the heating surface (31a). The boiling chamber (32) is arranged to face the heating surface (31a) of the heater (31). The preheating path portion (24) is arranged to face the heat radiating surface (31b) of the heater (31).

IPC 8 full level
A61H 33/06 (2006.01); **A61H 33/12** (2006.01)

CPC (source: EP KR)
A45D 44/22 (2013.01 - KR); **A61H 33/063** (2013.01 - KR); **A61H 33/12** (2013.01 - EP KR); **A61H 33/063** (2013.01 - EP)

Citation (applicant)
• DE 811129 C 19510816 - STEIN RUDOLF
• DE 542011 C 19320121 - WILLI JACKE
• EP 1462715 A1 20040929 - IONTO COMED GMBH [DE]
• US 3085145 A 19630409 - WRAY JR ROBERT L
• US 5247604 A 19930921 - CHIU BERNARD [US]

Citation (search report)
• [XY] DE 811129 C 19510816 - STEIN RUDOLF
• [X] DE 542011 C 19320121 - WILLI JACKE
• [X] EP 1462715 A1 20040929 - IONTO COMED GMBH [DE]
• [X] US 3085145 A 19630409 - WRAY JR ROBERT L
• [Y] US 5247604 A 19930921 - CHIU BERNARD [US]
• [A] EP 1607079 A1 20051221 - MATSUSHITA ELECTRIC WORKS LTD [JP]

Cited by
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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)
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