

Title (en)
A hand dryer

Title (de)
Handtrockner

Title (fr)
Sèche-main

Publication
EP 1250878 A3 20031112 (EN)

Application
EP 02380069 A 20020327

Priority
ES 200101027 A 20010420

Abstract (en)
[origin: EP1250878A2] A hand dryer of the type having installed inside its body (1) a motor-blower-resistance assembly (5) suctioning ambient air from an inlet (6, 11') being provided in said body and expelling said air once heated to the outside through an outlet (11", 7) also being provided in said body. With respect to the known dryers of the same type this dryer is characterized in that said motor-blower-resistance assembly (5) is arranged in a slanted arrangement inside the body (1), and the air outlet duct (8) has a tapered configuration and is provided with fences (22) thus bringing about an improved air suction and discharge by minimizing the air pressure losses and aerodynamically and fluidly optimizing the air flow path. The slanted arrangement of the motor-blower-resistance assembly (5) does as well facilitate its placement inside the body (1) thereby allowing to make the most of the physical dimensions of said assembly and to selectively install in it two different types of electric motor (12). <IMAGE>

IPC 1-7
A47K 10/48

IPC 8 full level
A47K 10/48 (2006.01)

CPC (source: EP ES)
A47K 10/48 (2013.01 - EP ES)

Citation (search report)
• [X] DE 29601368 U1 19960314 - STIEBEL ELTRON GMBH & CO KG [DE]
• [A] DE 8610579 U1 19860724

Cited by
GB2491891A; GB2428572B; US10100501B2; WO2012172376A2; US10041236B2; US11015329B2; WO2009034288A2; WO2009034288A3

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