

Title (en)
A hand dryer

Title (de)
Handtrockner

Title (fr)
Sèche-main

Publication
EP 1250878 A2 20021023 (EN)

Application
EP 02380069 A 20020327

Priority
ES 200101027 A 20010420

Abstract (en)
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)

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

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1250878 A2 20021023; EP 1250878 A3 20031112; EP 1250878 B1 20100505; AT E466512 T1 20100515; DE 60236236 D1 20100617; ES 2217895 A1 20041101; ES 2217895 B1 20051101; ES 2345481 T3 20100924

DOCDB simple family (application)
EP 02380069 A 20020327; AT 02380069 T 20020327; DE 60236236 T 20020327; ES 02380069 T 20020327; ES 200101027 A 20010420