

Title (en)
ELECTRIC IRON WITH A SOLEPLATE

Title (de)
ELEKTRISCHES BÜGELEISEN MIT EINER BÜGELSOHLE

Title (fr)
FER A REPASSER ELECTRIQUE A SEMELLE

Publication
EP 0923656 A1 19990623 (DE)

Application
EP 97918989 A 19970820

Priority
• DE 19634276 A 19960824
• EP 9704518 W 19970820

Abstract (en)
[origin: DE19735214A1] An electric iron has an atomising device (12, 13; 29) which features piezo-electrically activated thin membrane plate(s) (12). The plate (12) has several atomising openings (24) associated with the relevant opening (11) of the iron base (6). Each opening (24) has a width of 30-100 μ m and the iron base achieves a maximum liquid discharge of 8 g/min. The sole openings (11) have a maximum width of 10 mm irrespective of their length.

IPC 1-7
D06F 75/22

IPC 8 full level
B05B 17/06 (2006.01); **D06F 75/22** (2006.01)

CPC (source: EP US)
B05B 17/0638 (2013.01 - EP US); **D06F 75/22** (2013.01 - EP US)

Citation (search report)
See references of WO 9807919A1

Designated contracting state (EPC)
DE ES FR GB IT PT

DOCDB simple family (publication)
DE 19735214 A1 19980226; **DE 19735214 C2 19980709**; DE 59708450 D1 20021114; EP 0923656 A1 19990623; EP 0923656 B1 20021009; ES 2185007 T3 20030416; RU 2149935 C1 20000527; US 6035563 A 20000314; WO 9807919 A1 19980226

DOCDB simple family (application)
DE 19735214 A 19970814; DE 59708450 T 19970820; EP 9704518 W 19970820; EP 97918989 A 19970820; ES 97918989 T 19970820; RU 99106582 A 19970820; US 24279499 A 19990223