

Title (en)
Induction ironing apparatus and method

Title (de)
Induktionsbügelgerät und Verfahren.

Title (fr)
Appareil à repasser à induction et procédé.

Publication
EP 1852545 A2 20071107 (EN)

Application
EP 06020439 A 20060928

Priority
• US 79767806 P 20060505
• US 80005006 P 20060515

Abstract (en)
A cordless ironing apparatus (10) includes an iron (24) and an ironing board (12) adapted to be used with the iron. The iron includes a soleplate (21). The ironing board includes an ironing surface (11) on which fabric is placed and an electromagnetic generator (15). The electromagnetic generator is adapted to generate an electromagnetic field which generates heat in the soleplate of the iron. Alternatively, the ironing apparatus includes an iron and an induction device which is removable or separate from an ironing board. The induction device includes an electromagnetic generator which is adapted to generate an electromagnetic field which generates heat in the soleplate of the iron.

IPC 8 full level
D06F 75/24 (2006.01); **D06F 79/02** (2006.01); **D06F 81/00** (2006.01); **D06F 81/08** (2006.01)

CPC (source: EP KR)
D06F 75/04 (2013.01 - KR); **D06F 75/243** (2013.01 - EP); **D06F 75/26** (2013.01 - KR); **D06F 79/026** (2013.01 - EP); **D06F 81/003** (2013.01 - EP); **D06F 81/08** (2013.01 - EP); **H05B 6/10** (2013.01 - EP)

Cited by
WO2013086064A1

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1852545 A2 20071107; **EP 1852545 A3 20090408**; CN 101067277 A 20071107; CN 101067277 B 20100811; JP 2007296311 A 20071115; KR 20070108050 A 20071108

DOCDB simple family (application)
EP 06020439 A 20060928; CN 200610140631 A 20060930; JP 2006265006 A 20060928; KR 20060102440 A 20061020