

Title (en)
Improved steam iron

Title (de)
Verbessertes Dampfbügeleisen

Title (fr)
Fer à repasser à vapeur amélioré

Publication
EP 1837436 A1 20070926 (EN)

Application
EP 06254193 A 20060809

Priority
CN 200620007680 U 20060322

Abstract (en)
A steam iron includes a drip-collecting unit (3) disposed between a base (2) and a water reservoir (4) and formed with a drip chamber (30). The base (2) includes an ironing plate (21), a heating element (23), a steam chamber (21), and a plurality of steam spray ports (22). The drip-collecting unit (3) cooperates with the water reservoir (4) to define a drip passage (7). When the temperature of the ironing plate (21) reaches a temperature value, an automatic control unit (51) automatically opens the drip valve (51) so as to allow for flow of water from the water reservoir (4) into the drip chamber (30) via the drip passage (7). A stop valve (6) is operable to move between an open position whereat flow of water from the drip chamber (30) into the steam chamber (21) is allowed, and a closed position whereat flow of water from the drip chamber (30) into the steam chamber (21) is prevented.

IPC 8 full level
D06F 75/14 (2006.01)

CPC (source: EP US)
D06F 75/18 (2013.01 - EP US)

Citation (search report)

- [XA] WO 9826124 A1 19980618 - PHILIPS ELECTRONICS NV [NL], et al
- [XA] FR 2857381 A1 20050114 - SEB SA [FR]
- [A] DE 1016226 B 19570926 - PHILIPPE DESIRE FAUVEAU
- [A] FR 2558181 A1 19850719 - ROWENTA WERKE GMBH [DE]
- [A] DE 3715059 C1 19880818 - ROWENTA WERKE GMBH

Cited by
EP2239366A1; CN101858030A

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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)
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