

Title (en)

SPLIT TYPE STEAM IRON WITH A LOCKING STRUCTURE

Title (de)

GETEILTES DAMPFBÜGELEISEN MIT EINER VERRIEGELUNGSSTRUKTUR

Title (fr)

FER À VAPEUR DE TYPE FENDU AVEC UNE STRUCTURE DE VERROUILLAGE

Publication

**EP 2873767 B1 20160511 (EN)**

Application

**EP 14178443 A 20140724**

Priority

- CN 201310582668 A 20131119
- CN 201320733549 U 20131119

Abstract (en)

[origin: EP2873767A1] The present invention discloses a split type easily-handling steam iron and a locking structure thereof for use for clothing ironing equipment. The split type easily-handling steam iron comprises an iron and a base. The locking structure is arranged on the base and comprises a reversible handle and a slide lock touched by the handle. The front end of the iron can be locked on the base or unlocked from the base by the slide lock in a manner of turning over the handle. In case the iron is about to be locked, the handle is held by a hand to put the iron in a placing position of the base only if the locking structure is in an unlocking position, then a convex portion of the base extends into a concave portion at the rear end of the iron, and the front end of the iron is locked on the base by the slide lock in the manner of turning over the handle. In this way, both the front end and the rear end of the iron are combined with the base together, so that the overall product may be handled as long as users lift up the handle of the iron, which is convenient and reliable. In case the iron is about to be taken down from the base, the slide lock is unlocked through turning over the handle, and the handle is held by the hand to lift up the iron.

IPC 8 full level

**D06F 75/40** (2006.01); **D06F 79/02** (2006.01)

CPC (source: EP)

**D06F 75/40** (2013.01); **D06F 79/02** (2013.01)

Cited by

EP3536849A1; CN106758091A; CN110344228A; CN110846871A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2873767 A1 20150520; EP 2873767 B1 20160511; ES 2578127 T3 20160720**

DOCDB simple family (application)

**EP 14178443 A 20140724; ES 14178443 T 20140724**