

Title (en)

Rotary cylinder ironer with an improved gas heating ramp

Title (de)

Rotierender Trocknungs-Glattzylinder ausgestattet mit einer verbesserten gasbeheizten Rampe

Title (fr)

Sécheuse-repasseuse à cylindre tournant équipé d'une rampe de chauffage au gaz perfectionnée

Publication

EP 0682137 B1 19990107 (FR)

Application

EP 95401095 A 19950511

Priority

FR 9405904 A 19940513

Abstract (en)

[origin: EP0682137A1] The smoothing iron consists of a rotary cylinder (10) containing a gas heater bar (18) with a feeder to supply it with a gas/air mixture connected to one end. The bar has graduated holes to allow the gas/air mixture out and an igniter. the holes in the bar are in the form of a series of micro-perforations which ensure that the gas burns mainly inside them to provide heating mainly in the infra-red range. The micro-perforations are made in plates (48) of a ceramic material, mounted in apertures along one flat face of the tube by means of sealing fixings in the form of tongues. The cylinder (10) also contains a bar (20) to recover the products of combustion, situated in its upper zone, close to the point at which the linen is inserted between the cylinder and a series of endless belts (12). <IMAGE>

IPC 1-7

D06F 67/02; D06C 15/08; F23D 14/14

IPC 8 full level

D06C 15/08 (2006.01); **D06F 67/02** (2006.01); **F23D 14/14** (2006.01)

CPC (source: EP US)

D06C 15/08 (2013.01 - EP US); **D06F 67/02** (2013.01 - EP US); **F23D 14/145** (2013.01 - EP US)

Cited by

DE102012105814A1; EP3121328A1; CN105133275A; CN105734880A; CN105734881A; DE102012105814B4; CN107849798A; WO2017016968A1; US10519593B2

Designated contracting state (EPC)

BE DE ES IT

DOCDB simple family (publication)

EP 0682137 A1 19951115; **EP 0682137 B1 19990107**; DE 69507076 D1 19990218; DE 69507076 T2 19990715; ES 2128675 T3 19990516; FR 2719852 A1 19951117; FR 2719852 B1 19960607; US 5544644 A 19960813

DOCDB simple family (application)

EP 95401095 A 19950511; DE 69507076 T 19950511; ES 95401095 T 19950511; FR 9405904 A 19940513; US 42685995 A 19950424