

Title (en)

Drying and ironing machine with a spun ironing roller

Title (de)

Trocken-Bügelmaschine mit einer fließgedrückten Bügelwalze

Title (fr)

Sécheuse repasseuse à cylindre de repassage fluotourné

Publication

EP 0855460 A1 19980729 (FR)

Application

EP 98400108 A 19980121

Priority

FR 9700669 A 19970123

Abstract (en)

A laundry drier and ironer consists of a rotary cylinder (10) made from stainless steel in one piece with no welds. The ratio of the cylinder's wall thickness to its diameter is between 1 : 180 and 1 : 280, and it rests on convex rollers (12) of a non-metallic material, e.g. a composition material containing glass fibres in a resin matrix, mounted on fixed axles (24) by means of ball bearings (26). The cylinder is made, for example, with an outer diameter of 325 mm and a thickness of 2.3 mm, and it is surrounded by a series of endless belts which press the articles to be ironed against its surface. Suitable for use in establishments with a substantial amount of laundry, e.g. hospitals, clinics, retirement homes or restaurants. The cylinder has a medium level of thermal inertia and changes shape in a completely homogenous way in response to temperature fluctuations.

Abstract (fr)

Dans une sécheuse repasseuse comprenant un cylindre de repassage (10) tournant et chauffé intérieurement, on utilise un cylindre de repassage en acier inoxydable fluotourné, réalisé d'un seul tenant et sans soudure. Ce cylindre (10) présente une épaisseur réduite. Il repose sur des galets (12) comprenant une armature de fibres de verre et une matrice de résine. Chaque galet (12) est monté sur un axe fixe (24) par l'intermédiaire d'un roulement à billes (26). <IMAGE>

IPC 1-7

D06F 67/02

IPC 8 full level

D06F 69/02 (2006.01); **D06F 58/08** (2006.01); **D06F 67/02** (2006.01)

CPC (source: EP US)

D06F 67/02 (2013.01 - EP US)

Citation (search report)

- [A] FR 2698388 A1 19940527 - MECA 3 SARL [FR]
- [A] US 1819534 A 19310818 - AKERLOW GUSTAV W
- [A] EP 0711861 A1 19960515 - DUBIX DE SOUZA SNC [FR]
- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 255 (M - 617) 19 August 1987 (1987-08-19)
- [A] PATENT ABSTRACTS OF JAPAN vol. 008, no. 158 (M - 311) 21 July 1984 (1984-07-21)

Designated contracting state (EPC)

BE CH DE ES GB IT LI

DOCDB simple family (publication)

EP 0855460 A1 19980729; **EP 0855460 B1 20020612**; CZ 20298 A3 19980812; CZ 293003 B6 20040114; DE 69805868 D1 20020718; FR 2758573 A1 19980724; FR 2758573 B1 19990409; TR 199800056 A2 19990621; TR 199800056 A3 19990621; US 5983522 A 19991116

DOCDB simple family (application)

EP 98400108 A 19980121; CZ 20298 A 19980122; DE 69805868 T 19980121; FR 9700669 A 19970123; TR 9800056 A 19980114; US 922798 A 19980120