

Title (en)

MACHINE FOR WASHING AND DRYING DOMESTIC LAUNDRY

Publication

EP 0221584 B1 19900124 (EN)

Application

EP 86201671 A 19860929

Priority

- GB 8524254 A 19851002
- GB 8524255 A 19851002
- GB 8524256 A 19851002

Abstract (en)

[origin: EP0221584A2] A machine for washing and drying domestic laundry comprises a cabinet (3) containing a stationary cylindrical tank (1) for holding washing liquor and a rotatable perforated drum (2) within the tank in which the laundry is washed and subsequently tumble-dried. For drying the laundry a stream of hot air produced by a fan (26) and heater (27) flows through a narrow duct (28) into the drum, the moist air leaving through an outlet (21) in the bottom of the tank which also serves for the removal of the dirty washing liquor. After being dried in a condenser (30) the air returned to the fan for recirculation in the machine. A small high-speed fan is used which delivers air at high pressure and velocity so that air ducts of small cross-section can be used. The fan and the heater are housed in a box (40) which is attached to the back of the cabinet. With this arrangement, and the use of small-section air ducts, a standard washing machine can readily be converted into a washer/dryer.

IPC 1-7

D06F 25/00; **D06F 58/18**; **D06F 58/24**

IPC 8 full level

D06F 25/00 (2006.01); **D06F 58/18** (2006.01); **D06F 58/24** (2006.01)

CPC (source: EP US)

D06F 25/00 (2013.01 - EP US); **D06F 58/18** (2013.01 - EP); **D06F 58/24** (2013.01 - EP US)

Cited by

KR20030061190A; EP0340484A3; EP0356689A1; EP2620541A1; EP2615204A3; US9903652B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0221584 A2 19870513; **EP 0221584 A3 19871021**; **EP 0221584 B1 19900124**; DE 3668478 D1 19900301

DOCDB simple family (application)

EP 86201671 A 19860929; DE 3668478 T 19860929