

Title (en)
Laundry drier with heat pump

Title (de)
Wäschetrockner mit Wärmepumpe

Title (fr)
Sèche-linge avec pompe à chaleur

Publication
EP 1156149 A3 20030122 (DE)

Application
EP 01108710 A 20010406

Priority
CH 9972000 A 20000517

Abstract (en)
[origin: EP1156149A2] The laundry dryer has a laundry drum (2) through which process air is circulated and a heat pump (10) provided with a cooling device (12) and a heating device (13), through which the process air from the laundry drum is passed for drying via the cooling device before heating via the heating device, with subsequent return to the laundry drum. A portion of the process air can be vented and replaced with fresh air via a control (29) allowing a reduction in the circulated process air temperature.

IPC 1-7
D06F 58/20

IPC 8 full level
D06F 58/20 (2006.01); **D06F 34/08** (2020.01); **D06F 58/32** (2020.01)

CPC (source: EP US)
D06F 58/206 (2013.01 - EP US); **D06F 34/08** (2020.02 - EP US); **D06F 58/20** (2013.01 - EP US); **D06F 58/32** (2020.02 - EP US); **D06F 2103/36** (2020.02 - EP US); **D06F 2105/20** (2020.02 - EP US); **D06F 2105/24** (2020.02 - EP US)

Citation (search report)

- [XY] EP 0467188 A1 19920122 - BOSCH SIEMENS HAUSGERAETE [DE], et al
- [Y] DE 4330456 C1 19950316 - BLOMBERG WERKE GMBH [DE]
- [X] CH 690038 A5 20000331 - SEVEN AIR GEBR MEYER AG [CH]

Cited by
EP1584734A3; CN105264139A; EP2385163A1; EP3901546A3; EP3190223A1; CN106939507A; EP3392393A1; DE102014013045A1; EP2333149A1; WO2007062972A1; US11186943B2; US11761141B2; US10619288B2; US10745854B2; US11053631B2; EP2660381B1; EP2660381B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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