

Title (en)
Clothes dryer with heat pump

Title (de)
Wäschetrockner mit einem Wärmepumpenkreis

Title (fr)
Sèche linge avec pompe à chaleur

Publication
EP 0467188 B1 20010404 (DE)

Application
EP 91111341 A 19910708

Priority
DE 4023000 A 19900719

Abstract (en)
[origin: EP0467188A1] For the economical and time-limited operation of the drying process, the clothes drier will be designed so as far as possible to avoid additional outlay. In addition to an adjustable waste-air orifice (12) in the process-air channel between the condenser (6) and the clothes-drying space (1), an incoming-air orifice (14) is arranged, for this purpose, between the evaporator (5) and the condenser (6) in the process-air channel. The temperature level in the process-air channel can thereby be controlled, without appreciably reducing the performance of the heat pump. <IMAGE>

IPC 1-7
D06F 58/20

IPC 8 full level
D06F 58/20 (2006.01)

CPC (source: EP US)
D06F 58/206 (2013.01 - EP US); **D06F 58/40** (2020.02 - EP US); **D06F 2103/32** (2020.02 - EP US); **D06F 2103/36** (2020.02 - EP US); **D06F 2105/00** (2020.02 - EP US); **D06F 2105/24** (2020.02 - EP US); **D06F 2105/32** (2020.02 - EP US)

Cited by
EP2631351A1; US8978267B2; EP2053159A1; WO2013124226A1; CN106076627A; DE102007042969B4; US2012030960A1; US9238886B2; EP1593770A3; EP1819868A4; EP1964965A1; EP3854927A1; US2012017464A1; US8353114B2; US7866061B2; EP3812500A1; CN112760901A; CN100343593C; EP1205592A1; US2010199515A1; EP1614976A4; US8578626B2; EP2843119A1; CN105492681A; EP3173516A1; AU2014314258B2; US2010263225A1; US2011198405A1; EA016181B1; US2022356635A1; US8601717B2; US8528227B2; DE102007042969A1; US2008289209A1; EP1156149A3; US8683711B2; CN103946443A; US2015121718A1; US9487910B2; WO2013182405A3; WO2009053257A1; WO2015028500A1; DE102007038192A1; EP2025802A2; US8833095B2; US9834882B2; DE102007024440A1; US8356496B2; US10151060B2; US11248333B2; EP2253757A1; EP2058427A1; WO2009059889A1; WO2008107266A1; WO2005075728A1; KR101292414B1; US8826559B2; US8863400B2; EP2662486A1; WO2013167378A1; US8656604B2; EP2071069A1; US8356423B2; US8418377B2; US7866057B2; US10006721B2; US10907297B2; US11592194B2

Designated contracting state (EPC)
DE DK ES FR GB IT NL SE

DOCDB simple family (publication)
EP 0467188 A1 19920122; **EP 0467188 B1 20010404**; DE 4023000 A1 19920123; DE 4023000 C2 20030227; DE 59109209 D1 20010510; ES 2158839 T3 20010916

DOCDB simple family (application)
EP 91111341 A 19910708; DE 4023000 A 19900719; DE 59109209 T 19910708; ES 91111341 T 19910708