

Title (en)
TUMBLE DRYER AND METHOD FOR TREATING CLOTHES

Title (de)
WÄSCHETROCKNER UND VERFAHREN ZUM BEHANDELN VON WÄSCHE

Title (fr)
SECHOIR A LINGE ET PROCEDE DE TRAITEMENT DU LINGE

Publication
EP 1356151 A1 20031029 (DE)

Application
EP 02706650 A 20020130

Priority
• DE 0200317 W 20020130
• DE 10103905 A 20010130

Abstract (en)
[origin: DE10103905A1] The invention relates to a tumble drier (10) and to a method that allows complete or partial sterilization or passivation of microorganisms and germs in clothes. To this end, the clothes are treated in a container (5), especially the drum of a tumble dryer, to which a flow of air is supplied for the purpose of drying the clothes. Ozone is added to said flow of air and is preferably generated by an ozone generator (6) directly before being added to the flow of air. The tumble dryer according to the invention comprises a container (5) for clothes, especially a drum, to which a flow of air is supplied for the purpose of drying the clothes, and an ozone generator that is capable of adding ozone to the flow of air. Said ozone generator is preferably an ozone generator functioning according to the principle of dielectric impeded discharge.

IPC 1-7
D06F 58/20

IPC 8 full level
A61L 2/20 (2006.01); **C01B 13/10** (2006.01); **D06F 58/02** (2006.01); **D06F 58/20** (2006.01)

CPC (source: EP US)
D06F 58/203 (2013.01 - EP US); **D06F 58/44** (2020.02 - EP US); **D06F 2103/08** (2020.02 - EP US); **D06F 2103/34** (2020.02 - EP US); **D06F 2105/38** (2020.02 - EP US)

Citation (search report)
See references of WO 02061197A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 10103905 A1 20020801; DE 10290283 D2 20040415; DE 50204252 D1 20051020; EP 1356151 A1 20031029; EP 1356151 B1 20050914; JP 2004524892 A 20040819; US 2004237338 A1 20041202; WO 02061197 A1 20020808

DOCDB simple family (application)
DE 10103905 A 20010130; DE 0200317 W 20020130; DE 10290283 T 20020130; DE 50204252 T 20020130; EP 02706650 A 20020130; JP 2002561123 A 20020130; US 46631904 A 20040721