

Title (en)
APPARATUS AND METHOD FOR CLEANING AND REFRESHING FABRICS WITH A SUPPLEMENTAL HEAT SOURCE

Title (de)
VORRICHTUNG UND VERFAHREN ZUM REINIGEN UND ZUR ERFRISCHUNG VON TEXTILIEN MIT EINER ZUSÄTZLICHEN HEIZUNGSQUELLE

Title (fr)
APPAREIL ET PROCEDE DE NETTOYAGE ET DE REGENERATION DE TEXTILES AU MOYEN D'UNE SOURCE DE CHALEUR ADDITIONNELLE

Publication
EP 1117863 A1 20010725 (EN)

Application
EP 99954667 A 19990928

Priority
• US 9922372 W 19990928
• US 10213298 P 19980928

Abstract (en)
[origin: WO0019001A1] An apparatus for treating fabrics that comprises a fabric treatment bag having side panels configured such that they define an interior chamber of the treatment bag such that at least one fabric article can be suspended in the interior chamber. A liquid cleaning/refreshment composition is placed in or adjacent the fabric treatment bag such that the vapors from the cleaning/refreshment composition enter the interior chamber of the treatment bag, and the treatment bag is subjected to a supplemental heat source. Preferably the supplemental heat source is passive, and even more preferably the passive source of heat is selected from the group consisting of solar radiation, a particulate exothermic composition and mixtures thereof. Methods of using the apparatuses of this invention to clean and refresh fabric articles are also provided.

IPC 1-7
D06F 58/20; **D06F 58/26**; **D06F 58/10**; **D06F 43/00**; **C11D 17/04**

IPC 8 full level
C11D 3/43 (2006.01); **C11D 17/04** (2006.01); **C11D 17/08** (2006.01); **D06F 43/00** (2006.01); **D06F 58/10** (2006.01); **D06F 58/20** (2006.01); **D06F 58/26** (2006.01); **D06F 58/30** (2020.01); **D06F 73/02** (2006.01); **D06L 1/00** (2017.01)

CPC (source: EP US)
C11D 17/041 (2013.01 - EP US); **D06F 43/007** (2013.01 - EP); **D06F 58/203** (2013.01 - EP US); **D06F 58/30** (2020.02 - EP US); **D06F 73/02** (2013.01 - EP); **D06L 1/00** (2013.01 - EP); **D06F 58/26** (2013.01 - EP US); **Y02B 40/18** (2013.01 - EP)

Citation (search report)
See references of WO 0019001A1

Cited by
CN103266463A

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

DOCDB simple family (publication)
WO 0019001 A1 20000406; AU 1096300 A 20000417; BR 9914082 A 20010619; CA 2341394 A1 20000406; CN 1318118 A 20011017; EP 1117863 A1 20010725; JP 2002525187 A 20020813

DOCDB simple family (application)
US 9922372 W 19990928; AU 1096300 A 19990928; BR 9914082 A 19990928; CA 2341394 A 19990928; CN 99810880 A 19990928; EP 99954667 A 19990928; JP 2000572442 A 19990928