

Title (en)
Dry-washing machine employing a wash fluid and equipped with a combination filter assembly

Title (de)
Trockenwaschmaschine mit Waschflüssigkeit und Kombinationsfilteranordnung

Title (fr)
Sèche-linge utilisant un fluide lavant et équipé d'un ensemble filtrant combiné

Publication
EP 2053157 A1 20090429 (EN)

Application
EP 07118829 A 20071018

Priority
EP 07118829 A 20071018

Abstract (en)
A dry-washing machine (1) having a wash assembly (7) for circulating a solvent along a predetermined wash path (15) extending through a laundry drum (3); a drying assembly (18) for circulating hot air along a predetermined drying path (22) extending through the drum (3); and a filter assembly (23) which, during a wash cycle, removes fibres, lint, and fluff from the solvent circulating along the wash path (15), and, during a drying cycle, removes fibres, lint, and fluff from the hot air circulating along the drying path (22); the filter assembly (23) being designed to accumulate the fibres, lint, and fluff from the solvent at a predetermined location along the drying path (22), so that hot air flows over the accumulated fibres, lint, and fluff during the drying cycle.

IPC 8 full level
D06F 43/08 (2006.01); **D06F 39/10** (2006.01); **D06F 58/22** (2006.01)

CPC (source: EP US)
D06F 25/00 (2013.01 - EP US); **D06F 39/10** (2013.01 - EP US); **D06F 43/085** (2013.01 - EP); **D06F 58/22** (2013.01 - EP US)

Citation (applicant)
US 2007039358 A1 20070222 - MILLS ROBERT T [US], et al

Citation (search report)
• [XA] US 2007039358 A1 20070222 - MILLS ROBERT T [US], et al
• [XA] US 3531954 A 19701006 - KRUPSKY MICHAEL R
• [X] GB 2219652 A 19891213 - SERVIS GROUP LIMITED [GB]
• [X] WO 2005017249 A1 20050224 - ARCELIK AS [TR], et al
• [A] EP 1528139 A2 20050504 - WHIRLPOOL CO [US]
• [A] US 6237373 B1 20010529 - HARRIS STEPHEN L [US], et al

Cited by
US2014338404A1; KR20170009657A; CN111576012A; US10407818B2; CN111560753A; US9828715B2; US9103063B2; EP3246455A1; WO2010137910A3; WO2011033535A1; US9051679B2; US8800165B2; EP3656908A1; DE102019120539A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 07118829 A 20071018; AT 07118829 T 20071018; DE 602007011632 T 20071018; ES 07118829 T 20071018; PL 07118829 T 20071018; RU 2008141318 A 20081017