

Title (en)

Apparatus for drying laundry by means of an air flow

Title (de)

Vorrichtung zum Trocknen von Wäsche mittels eines Luftstroms

Title (fr)

Dispositif pour sécher du linge au moyen d'un courant d'air

Publication

EP 1788142 B1 20130925 (DE)

Application

EP 06122208 A 20061012

Priority

DE 102005054684 A 20051116

Abstract (en)

[origin: EP1788142A2] The device has a drum (2) to accommodate a laundry (1), and a ducting system to direct a current of air, where the system has a downward section (3) in which part of the section passes through an end plate (10) for loading of the drum. A filter (6) disposed within the section is utilized for capturing lint (7) carried in the current of air from the drum. The filter approximately corresponding to a full opening of the drum is redesigned as a component in the form of a channel. A scraper has a foil resting against the filter in a sprung manner and curved based on the shape of the filter. An independent claim is also included for a clothes dryer comprising a housing.

IPC 8 full level

D06F 58/22 (2006.01)

CPC (source: EP US)

D06F 58/22 (2013.01 - EP US)

Cited by

DE102014115440A1; DE102015107692B4; DE102008062434A1; US11118304B2; EP2075367A2; WO2008074581A1; DE102015107692A1; DE102014117651A1; EP3721976A1; EP4101970A1; DE102021205973A1; EP4115965A1; DE102021207116A1

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EP 1788142 A2 20070523; EP 1788142 A3 20080730; EP 1788142 B1 20130925; DE 102005054684 A1 20070524; US 2007107250 A1 20070517; US 7805856 B2 20101005

DOCDB simple family (application)

EP 06122208 A 20061012; DE 102005054684 A 20051116; US 59397706 A 20061106