

Title (en)

Tumble dryer with an air canal

Title (de)

Wäschetrockner mit einem Luftkanal

Title (fr)

Sèche-linge doté d'un canal d'aération

Publication

EP 1990465 B1 20120808 (DE)

Application

EP 08007190 A 20080411

Priority

DE 102007021815 A 20070507

Abstract (en)

[origin: EP1990465A1] The dryer has an air duct (6) conveying flow of air in the direction of a blower (5), where the air duct is formed with a flow chamber (7) including curved sections. The flow chamber deflects the flow of air in the direction of the blower. A displacer (8) is arranged in the flow chamber in front of the blower for producing a non-rotational inflow onto a wheel of the blower and for reducing formation of vortices. The displacer is arranged on an axis of the wheel of the blower, and is presented as an integral component of a wall section (11) of the flow chamber.

IPC 8 full level

D06F 58/04 (2006.01); **D06F 58/20** (2006.01); **F04D 29/42** (2006.01); **F04D 29/44** (2006.01)

CPC (source: EP US)

D06F 58/04 (2013.01 - EP US); **D06F 58/20** (2013.01 - EP US); **F04D 29/4206** (2013.01 - EP US); **F04D 29/4213** (2013.01 - EP US); **F04D 29/4226** (2013.01 - EP US); **F04D 29/441** (2013.01 - EP US); **F05D 2250/51** (2013.01 - EP US)

Cited by

DE102013208855A1; DE102012221916A1; EP2631357A1; EP2527524A1; US2015240410A1; US9227095B2; WO2013127785A3; DE102013208855B4; EP2738394A1

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