

Title (en)

Device for the discharge of moist air from a laundry dryer.

Title (de)

Vorrichtung zum Abführen von feuchter Luft eines Trockners.

Title (fr)

Dispositif pour l'évacuation de l'air humide d'un sèche-linge.

Publication

EP 0314047 A1 19890503 (EN)

Application

EP 88117688 A 19881024

Priority

IT 3406087 U 19871026

Abstract (en)

Known laundry dryers of the open air circuit type are equipped with a resiliently extensible conduit which may be connected to one of several discharge outlets formed in different walls of the dryer housing for the discharge of the moist drying air to the ambient environment. When not in use, the conduit is detached from the dryer and has to be stored in a rather inconvenient manner. In other known embodiments the extensible conduit is permanently connected to the dryer and can be housed in a chamber thereof when not in use. The fixed connection of the conduit limits the flexibility regarding the installation of the dryer. According to the invention, the discharge device comprises a tubular receptacle (14) for the extensible conduit (13), and coupling rings (15, 16) secured to both ends of the conduit. In operation the coupling rings (15, 16) serve for connecting the ends of the conduit (13) to one of several discharge outlets (9, 10, 11, 12) of the dryer and to a diffuser element (20), a ventilation passage or the like. In the inoperative state the extensible conduit (13) is held under compression in the tubular receptacle by connecting the coupling rings (15, 16) to respective ends of the receptacle (14), which may thus be conveniently stored. The tubular receptacle (14) may also be permanently installed in a wall of a room or the like to act as a ventilation passage and at the same time as a storage container for the extensible conduit when not in use.

IPC 1-7

D06F 58/20

IPC 8 full level

D06F 58/20 (2006.01)

CPC (source: EP US)

D06F 58/20 (2013.01 - EP US)

Citation (search report)

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EP2642017A1; DE10109744C2; DE102006014636B4; CN112176676A; DE102017101878A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0314047 A1 19890503; EP 0314047 B1 19920102; DE 3867424 D1 19920213; IT 218548 Z2 19920617; IT 8734060 V0 19871026

DOCDB simple family (application)

EP 88117688 A 19881024; DE 3867424 T 19881024; IT 3406087 U 19871026