

Title (en)
Laundry-drying machine

Title (de)
Wäschetrocknungsmaschine

Title (fr)
Machine pour sécher le linge

Publication
EP 2604746 A1 20130619 (EN)

Application
EP 12196670 A 20121212

Priority
• IT TO20111155 A 20111215
• IT TO20111199 A 20111223
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Abstract (en)
A laundry-drying machine comprises a drum (5) rotatable about a substantially horizontal axis (A) and having an inlet for the air (10a) and an outlet for the air (14, 14a). The drum (5) is designed to be traversed by drying air, forced by means of a fan (13) and heated via heating means (18) before being introduced into the drum (5) through the aforesaid inlet (10a). The fan (13) and the heating means (18) are operatively associated to an air-conveying duct (12) having a delivery section (12b, 12c), which is in fluid communication with the aforesaid inlet (10a), and a suction section (12a), which is in fluid communication with said outlet (14, 14a). Provided inside the drum (5) is at least one laundry-agitation member (20), having a cavity (21) configured for receiving at least part of the hot air introduced into the drum (5), and one or more passages (22) for diffusing the hot air from the internal cavity (21) towards a central area of the drum (5), where the aforesaid inlet for the air comprises at least one passageway (10a) in a position corresponding to the agitation member (20) and in fluid communication with the corresponding cavity (21). Mounted on the outside of the drum (5) is a directing device (25), fixed in rotation with respect to the structure of the drum (5), which is operatively coupled to the delivery section (12b, 12c) of the duct (12) and is configured for conveying at least part of the air coming from the duct (12) to the passageway (10a), and hence the cavity (21) of the corresponding agitation member (20).

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CPC (source: EP US)
D06F 58/20 (2013.01 - EP US); **D06F 58/02** (2013.01 - EP US); **D06F 58/04** (2013.01 - EP US)

Citation (applicant)
DE 19623959 A1 19971218 - AEG HAUSGERAETE GMBH [DE]

Citation (search report)
• [XDA] DE 19623959 A1 19971218 - AEG HAUSGERAETE GMBH [DE]
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• [XI] DE 4028600 A1 19920312 - BAUKNECHT HAUSGERAETE [DE]
• [XA] EP 1559827 A1 20050803 - CANDY SPA [IT]
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