

Title (en)
Improvement in clothes drying machines.

Title (de)
Verbesserung in Wäschetrocknern.

Title (fr)
Amélioration dans les sèche-linge.

Publication
EP 0503586 A1 19920916 (EN)

Application
EP 92104162 A 19920311

Priority
IT PN910016 A 19910312

Abstract (en)
Clothes drying machine comprising a rotating drum (4) adapted to contain the washload to be dried and crossed by a flow of air heated by at least an external heater (15), said air being circulated by at least a blower (13) and being exhausted after having subtracted moisture from the clothes to be dried. During the continuous operation of the clothes drying machine, said flow of exhaust air is vented at a progressively increasing temperature and with correspondingly decreasing moisture contents. In order to avoid losing efficiency in exhausting hot and increasingly drier air, said clothes drying machine is adapted to monitor the characteristics of the air inside the rotating drum and to recover heat from the exhaust air. Said heat recovery can be achieved either through a pre-heating of the fresh in-take air through heat-exchanger means arranged around the drying drum (4) or by mixing the hot exhaust air with the fresh in-take air. <IMAGE>

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CPC (source: EP US)
D06F 58/20 (2013.01 - EP US); **D06F 58/02** (2013.01 - EP US); **D06F 58/38** (2020.02 - EP US); **D06F 2103/08** (2020.02 - EP US); **D06F 2103/32** (2020.02 - EP US); **D06F 2103/34** (2020.02 - EP US); **D06F 2103/36** (2020.02 - EP US); **D06F 2105/24** (2020.02 - EP US); **D06F 2105/32** (2020.02 - EP US)

Citation (search report)

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