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(54) **CLOTHES DRYER**

(57) A clothes dryer (1) comprising: a cabinet (11) including a front panel (13) having an inlet (13a) through which objects are placed, a drum (40) rotatably arranged in the cabinet (11) and having a front opening (42) and a rear opening (43), the drum (40) configured to have air flow along an interior of the drum (40) from the rear opening (43) to the front opening (42), a front cover (70) formed to link the inlet (13a) of the cabinet (11) and the front opening (42) of the drum (40), the front cover (70) including a slope portion (72) formed to have a diameter decreasing toward the inlet (13a) of the cabinet (11) from the front opening (42) of the drum (40), a rear cover (90) formed to connect to the rear opening (43) of the drum (40) and having an air inlet (24) formed at the rear cover (90) to guide the air to flow toward the rear opening (43) of the drum (40) from

an exterior of the drum (40), a fan (32) configured to move the air into the drum (40), a heat exchanger arranged in the cabinet (11) to cool the air discharged from the front opening (42) of the drum (40), an air outlet (77) formed in a lower portion of the front cover (70) so that the air discharged from the front opening (42) of the drum (40) flows to the heat exchanger, and a sensing device (100) arranged on the slope portion (72) for sensing humidity in air discharged from the front opening (42) of the drum (40), wherein the front cover (70) is arranged in front of the drum (40) in the cabinet (11) and forms a flow path (71) connected to an interior of the drum (40), and wherein the sensing device (100) includes a sensor (110) facing the flow path (71), and is arranged to match the air inlet (24) along a front-back direction.

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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
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CATEGORY OF CITED DOCUMENTS			
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