

Title (en)
COOLER

Title (de)
KÜHLER

Title (fr)
REFROIDISSEUR

Publication
EP 3234472 A1 20171025 (EN)

Application
EP 15804467 A 20151202

Priority
• EP 14196037 A 20141203
• EP 2015078409 W 20151202

Abstract (en)
[origin: EP3029386A1] Cooler (1) comprising a cooling unit (3), e.g., a dew point cooling unit, and a drying unit (5). The cooling unit comprises a cooling channel (11) and an evaporating channel (13) separated from the cooling channel by a heat transfer wall (15). The cooling unit comprises means (10), such as sprayers, for wetting the transfer wall at the side of the evaporating channel. The drying unit (5) comprises a drying channel (17) and a regeneration channel (19) for a regeneration flow. The regeneration channel of the drying unit (5) comprises an outflow opening which is fluidly connected to an inlet of a condenser (9). The condenser comprises an outlet (25) fluidly connected to an inflow opening (27) of the drying channel of the drying unit.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
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