

Title (en)
VENTILATION SYSTEM FOR A ROOM

Title (de)
RAUMBELÜFTUNGSSYSTEM

Title (fr)
SYSTÈME D'AÉRATION POUR UNE PIÈCE

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Application
EP 14728312 A 20140417

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Abstract (en)
[origin: WO2014174415A1] The present invention relates to a ventilation system for a room (2) which comprises a hood for domestic use (3) located in said room, a wall fan (4) located in said room, a plurality of transducers (5) configured to detect a respective plurality of characteristic parameters of the gases in said room; processing and control means (6) in signal communication with said plurality of transducers (5) and in signal communication (S1) with said first control means (3 A), processing and control means (6) electrically connected with said plurality of transducers (5) and in signal communication (S1) with said first control means (3 A), said processing and control means (6) comprising firmware configured to process said detected characteristic parameters and to transmit a first control signal (S1) to control said hood for domestic use (3). The characterizing feature is that said hood for domestic use (3) is in signal communication with said wall fan (4) via a first transmitter module (3B), located in said hood (3), and configured to transmit a second signal (S2), said wall fan (4) comprising a first receiver module (4C) configured to receive said second signal (S2); said second radio frequency signal (S2) being generated by said hood (3) according to said first signal (S1) to instruct said second control means (4 A) to turn on said wall fan (4) and keep it in this state for a first predetermined ON-time (TI) when one or more of said characteristic parameters detected by said plurality of sensors (5) exceed respective predetermined threshold values.

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