

Title (en)
SWITCHING ARRANGEMENT FOR CONTROLLING A VENTILATOR

Publication
EP 0443141 B1 19921111 (DE)

Application
EP 90124282 A 19901214

Priority
DE 4005363 A 19900221

Abstract (en)
[origin: EP0443141A2] A switching arrangement for controlling a ventilator (3), in particular in an extractor hood (2) above a cooker (1), depending upon vapour passing to the ventilator (3), is to detect the vapour simply and safely and use it for switching the ventilator (3). To this end, there is arranged in front of the ventilator (3) an ultrasonic section (6). A receiving circuit demodulates the signal appearing at the ultrasonic receiver (8). An evaluating circuit (10) evaluates temporal fluctuations of the received signal (Ua), which are based on vapour in the ultrasonic section (6), and counts these within a time base. A reference circuit (11) compares the counting result with preset values and switches the ventilator (3) accordingly.
<IMAGE>

IPC 1-7
F24C 15/20

IPC 8 full level
F24C 15/20 (2006.01)

CPC (source: EP US)
F24C 15/2021 (2013.01 - EP US)

Cited by
DE19509612C1; CN104006431A; EP2420741A3; DE10061654B4; CN109556155A; EP0603538A1; EP1001226A3; FR2673269A1; EP2420743A1; DE19510731C2; EP0603539A1; US6324889B1; WO2006042758A1; WO2016020382A1; WO0114798A1; US6578569B2

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