

Title (en)

Air conditioner having functions of fire preventing, smoke exhausting and water spraying

Title (de)

Klimaanlage mit Feuerschutzfunktion, Rauchabzugfunktion und Wassersprühfunktion

Title (fr)

Climatiseur ayant les fonctions de prévention d'incendie, d'évacuation des fumées et de pulvérisation d'eau

Publication

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Application

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Priority

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Abstract (en)

An air conditioner having functions of fire preventing, smoke exhausting and water spraying is provided with a sensor (25) at a proper location for sensing smoke and alternations of temperature in a room, and reacting to control opening and closing of a wind-intake gate (20), a smoke-sucking gate (20'), a wind-releasing gate (30), a smoke-exhausting gate (40), water-spraying nozzles (7), and an alarm (8). Smoke in a room sensed by the sensor can be immediately sucked into a smoke-sucking inlet and then get into an air conditioning box through the smoke-sucking gate. Then, smoke is exhausted out of a smoke-exhausting outlet through the smoke-exhausting gate, and at the same time, the water-spraying nozzles and the alarm are started to operate, thus acquiring functions of fire preventing, smoke exhausting and water spraying to ensure public security. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

F24F 11/0001 (2013.01); **A62C 35/62** (2013.01); **A62C 37/44** (2013.01); **F24F 11/33** (2017.12)

Citation (search report)

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