



(12) PATENT

(11) 342717

(13) B1

NORWAY

(19) NO

(51) Int Cl.

F24F 11/00 (2006.01)

Norwegian Industrial Property Office

(21)	Application nr.	20170040	(86)	International Filing Date and Application Number
(22)	Date of Filing	2017.01.10	(85)	Date of Entry into National Phase
(24)	Date of Effect	2017.01.10	(30)	Priority
(41)	Publicly Available	2018.07.11		
(45)	Granted	2018.07.30		
(73)	Proprietor	Dag-Erik Torbergsen, 9380 GRYLLEFJORD, Norge		
(72)	Inventor	Dag-Erik Torbergsen, 9380 GRYLLEFJORD, Norge		
(74)	Agent or Attorney	Marcus Reinholdt Pedersen, Ibstrupvænget 2, 2 th, DK-2820 GENTOFTE, Danmark		

(54)	Title	AIR CONDITIONER CONTROL SYSTEM
(56)	References Cited:	US 20070012181 A1, EP 0964378 A1, US 2010114377 A1, US 20030126869 A1, CA 2385976 A1
(57)	Abstract	

An air conditioner control system 100 includes a particulate sensor 102 and a control device 103. The particulate sensor 102 detects the quantity of particulate matter in the conditioned space and generates sensor data variables based on the detected quantity of the particulate matter. The control device 103 includes a non-transitory computer readable storage medium 104 (NCRSM) and at least one processor 105. The NCRSM 104 stores the sensor data variables generated by the particulate sensor 102. The processor 105 executes the computer program instructions defined by modules of the control device 103. The data communications module 106 (DCM) receives and processes the generated sensor data variables. The analyzing module 107 dynamically analyzes the received sensor data variables. The DCM 106 shuts off the air conditioner 101 if the analyzed sensor data variables received from the particulate sensor 102 increases above the predefined threshold.

