

Title (en)
AIR-CONDITIONING SYSTEM

Title (de)
KLIMAAANLAGE

Title (fr)
SYSTÈME DE CLIMATISATION

Publication
EP 2480424 A1 20120801 (DE)

Application
EP 10757184 A 20100908

Priority
• DE 102009042269 A 20090922
• EP 2010063152 W 20100908

Abstract (en)
[origin: US2012273160A1] An HVAC system for a construction vehicle is provided that includes a housing, a blower for circulating the air, at least one air duct for conveying the air, a coolant evaporator for cooling the air passed through the coolant evaporator, a heater for heating the air passed through the heater, a fresh air inlet opening, and a recirculating air inlet opening. The blower, the heater, and the coolant evaporator are disposed one above the other, so that only the blower or only the heater or only the coolant evaporator is cut through in a horizontal section, and/or the fresh air inlet opening and the recirculating air inlet opening are constantly open, so that exclusively fresh air and recirculating air is drawn in substantially simultaneously by the blower.

IPC 8 full level
B60H 1/00 (2006.01); **B60H 1/32** (2006.01)

CPC (source: EP US)
B60H 1/00378 (2013.01 - EP US); **B60H 1/3229** (2013.01 - EP US); **B60H 1/3233** (2013.01 - EP US)

Citation (examination)
• EP 1142734 A2 20011010 - CALSONIC KANSEI CORP [JP]
• EP 0770508 A2 19970502 - BEHR GMBH & CO [DE]
• EP 1066995 A1 20010110 - CLARK EQUIPMENT CO [US]
• DE 29504132 U1 19960725 - LIEBHERR WERK BISCHOFSHOFEN [AT]

Designated contracting state (EPC)
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