

Title (en)
INDOOR UNIT FOR AIR CONDITIONER, AND AIR CONDITIONER

Title (de)
INNENRAUMEINHEIT FÜR KLIMAANLAGE UND KLIMAANLAGE

Title (fr)
UNITÉ INTÉRIEURE POUR CLIMATISEUR ET CLIMATISEUR

Publication
EP 2602562 A4 20161130 (EN)

Application
EP 10855571 A 20100804

Priority
JP 2010004908 W 20100804

Abstract (en)
[origin: EP2602562A1] An indoor unit (100) is disclosed which can suppress the occurrence of noise. An indoor unit (100) includes: a casing (1) having an air inlet (2) formed at a top portion thereof and an air outlet (3) formed at a bottom side of a front portion thereof; an axial-flow or diagonal-flow fan (20) disposed on the downstream side of the air inlet (2); a heat exchanger (50) disposed on the downstream side of the fan (20) and on the upstream side of the air outlet (3); a filter (10) that collects dust from air sucked into the casing (1); and a motor stay (16) having a fixing member (17) to which a fan motor (30) for the fan (20) is fixed and a support member (18) which secures the fixing member (17) to the casing (1). The filter (10) and the motor stay (16) are disposed on the downstream side of the fan (20). The motor stay (16) is disposed on the upstream side of the filter (10) or the downstream side of the filter (10) so that the distance between the motor stay (16) and the filter (10) will be smaller than the largest projection dimension.

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Citation (search report)

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- [YD] JP 2005003244 A 20050106 - DAIKIN IND LTD
- See references of WO 2012017479A1

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