

Title (en)
INDOOR UNIT FOR AIR CONDITIONER

Title (de)
INNENEINHEIT FÜR EINE KLIMAANLAGE

Title (fr)
UNITÉ D'INTÉRIEUR POUR CONDITIONNEUR D'AIR

Publication
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Application
EP 10799584 A 20100706

Priority
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• JP 2009164397 A 20090713

Abstract (en)
An indoor unit (10) of an air conditioner (1) is equipped with an indoor unit casing (12), an up-and-down airflow direction adjusting blade (30), push-out mechanisms (51, 61), and an angle adjusting mechanism (71). In the indoor unit casing (12), an air blow-out opening (15) is formed. The up-and-down airflow direction adjusting blade (30) is placed in the neighborhood of the blow-out opening (15). The push-out mechanisms (51, 61) are coupled to first coupling portions (32) of the up-and-down airflow direction adjusting blade (30) and are capable of moving the first coupling portions (32) in a direction away from the blow-out opening (15). The angle adjusting mechanism (71) is coupled to a second coupling portion (33) of the up-and-down airflow direction adjusting blade (30) and is capable of moving the second coupling portion (33) in a direction away from the blow-out opening (15). Further, the angle of inclination of the up-and-down airflow direction adjusting blade (30) with respect to the blow-out opening (15) is changed as a result of the distance from the blow-out opening (15) to the first coupling portions (32) being adjusted by the push-out mechanisms (51, 61) and the distance from the blow-out opening (15) to the second coupling portion (33) being adjusted by the angle adjusting mechanism (71).

IPC 8 full level
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Citation (search report)
See references of WO 2011007520A1

Cited by
CN115111766A; EP3779312A4; EP2848872A1; US2015075201A1; US11892191B2; US10393422B2

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