

Title (en)  
Indoor unit and air conditioner

Title (de)  
Innenraumeinheit und Klimaanlage

Title (fr)  
Unité d'intérieur et climatiseur

Publication  
**EP 2574858 B1 20161116 (EN)**

Application  
**EP 12199428 A 20060223**

Priority  
• EP 06110322 A 20060223  
• JP 2005195208 A 20050704  
• JP 2005377295 A 20051228

Abstract (en)  
[origin: EP1741992A2] An indoor unit and air conditioner which are capable of reducing the work load required for carrying out maintenance on an air filter are provided. The indoor unit includes a chassis installed on a ceiling, an air inlet section configured to allow indoor air to flow into the chassis, an air filter configured to collect dust in the air flowing from the air inlet section, a dust-removing unit configured to remove dust attached to the air filter, a collecting unit configured to collect the dust removed by the dust-removing unit, and a raising unit configured to raise and lower the collecting unit to and from the chassis.

IPC 8 full level  
**F24F 1/0063** (2019.01); **F24F 1/0073** (2019.01); **F24F 8/108** (2021.01); **F24F 13/20** (2006.01); **F24F 13/28** (2006.01)

CPC (source: EP US)  
**F24F 1/0047** (2019.01 - EP); **F24F 1/0063** (2019.01 - EP US); **F24F 1/0073** (2019.01 - EP US); **F24F 8/10** (2021.01 - EP); **F24F 8/108** (2021.01 - EP US); **F24F 8/90** (2021.01 - EP); **F24F 13/28** (2013.01 - EP)

Cited by  
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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1741992 A2 20070110; EP 1741992 A3 20120801; EP 1741992 B1 20161123**; EP 2574857 A2 20130403; EP 2574857 A3 20140820; EP 2574857 B1 20161109; EP 2574858 A2 20130403; EP 2574858 A3 20140820; EP 2574858 B1 20161116; EP 2574859 A2 20130403; EP 2574859 A3 20140820; EP 2574859 B1 20161130; ES 2609957 T3 20170425; ES 2610999 T3 20170504; ES 2611279 T3 20170508; ES 2611280 T3 20170508; JP 2007040689 A 20070215; JP 4418427 B2 20100217

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