

Title (en)
Air filter and air conditioner

Title (de)
Luftfiltereinrichtung und Klimaanlage

Title (fr)
Filtre d'air et dispositif de climatisation

Publication
EP 1275907 B1 20050119 (EN)

Application
EP 02254873 A 20020711

Priority
• JP 2001210946 A 20010711
• JP 2001221691 A 20010723

Abstract (en)
[origin: EP1275907A2] An air filter (14) having a plurality of unit filter frame members (22) each of which includes a filter piece (3) and which are coupled foldably through hinge portions (23). A guide portion (32) is provided to have at least a pair of boss portions (25) made to project from each of opposite side surfaces (35) of the unit filter (14), so that the guide portions (32) are provided on the opposite side surfaces (35), and are respectively inserted into and guided by guide grooves (26) provided at the place where the air filter (14) is to be installed. <IMAGE>

IPC 1-7
F24F 1/00; **F24F 3/16**; **F24F 13/28**; **B01D 46/42**; **F24F 13/08**

IPC 8 full level
F24F 1/00 (2006.01); **F24F 1/0035** (2019.01); **F24F 13/28** (2006.01)

CPC (source: EP US)
F24F 1/0035 (2019.01 - EP US); **F24F 1/0057** (2019.01 - EP); **F24F 13/28** (2013.01 - EP)

Cited by
EP2295884A1; US10662841B2; CN111578385A; US10655516B2; US10821389B2; EP1910761A4; RU2699275C1; US11266939B2; US10662840B2; US10655517B2; WO2018156577A1; US10655518B2; US10918984B2; US11007467B2; US11007466B2; US11654387B2; US11654388B2; US11666848B2

Designated contracting state (EPC)
ES IT

DOCDB simple family (publication)
EP 1275907 A2 20030115; **EP 1275907 A3 20030625**; **EP 1275907 B1 20050119**; AU 2002300100 B2 20031016; CN 1200757 C 20050511; CN 1401408 A 20030312; ES 2234986 T3 20050701

DOCDB simple family (application)
EP 02254873 A 20020711; AU 2002300100 A 20020710; CN 02131803 A 20020711; ES 02254873 T 20020711