

Title (en)  
AIR FILTER COMPRISING A SECURITY ELEMENT

Title (de)  
LUFTFILTER MIT SICHERHEITSELEMENT

Title (fr)  
FILTRE À AIR DOTÉ D'UN ÉLÉMENT DE SÉCURITÉ

Publication  
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Application  
**EP 09716100 A 20090226**

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- DE 102008062954 A 20081223
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- DE 102008062955 A 20081223

Abstract (en)  
[origin: WO2009106593A1] The invention relates to an air filter arrangement comprising a filter element (1) provided with a first filter bellow-type element (10) and a security filter element (200) mounted downstream. The filter element has a flow-off form corresponding to the approach flow form of the security filter element.

IPC 8 full level  
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Citation (search report)  
See references of WO 2009106593A1

Citation (examination)

- US 6348077 B1 20020219 - SOLBERG JR CHARLES [US], et al
- US 2007227362 A1 20071004 - PARKER NICK C [US]
- EP 0555761 A1 19930818 - DEERE & CO [US]
- US 2007045167 A1 20070301 - JAROSZCZYK TADEUSZ [US], et al

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DOCDB simple family (publication)  
**WO 2009106593 A1 20090903**; BR PI0907147 A2 20160426; BR PI0907821 A2 20170221; CN 102015062 A 20110413; CN 102015062 B 20151125; CN 102015063 A 20110413; CN 102015063 B 20140507; EP 2247364 A1 20101110; EP 2247364 B1 20140423; EP 2249944 A2 20101117; EP 2249944 B1 20130102; EP 2249944 B2 20151216; EP 2257360 A1 20101208; EP 2574390 A2 20130403; EP 2574390 A3 20130626; EP 2574390 B1 20150107; EP 2881158 A1 20150610; WO 2009106592 A2 20090903; WO 2009106592 A3 20110526; WO 2009106594 A1 20090903

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