

Title (en)
Cooling device

Title (de)
Kühlereinrichtung

Title (fr)
Dispositif de refroidissement

Publication
EP 2085585 A3 20120815 (DE)

Application
EP 09001135 A 20090128

Priority
DE 102008007628 A 20080204

Abstract (en)
[origin: EP2085585A2] The device (2) for removing dirt particles from an airflow, has an air guide channel (14), a filter insert (6), a rotary fan impeller (4) with fan blades (10) arranged in the direction of air flow in front of the filter insert and an opening (16) arranged in a wall (12) of the air guide channel adjacent to the outer circumference of the filter insert. A portion of the airflow and dirt particles leave from the air flow channel before the section of the filter insert. A displaceable flat covering part is arranged before the fan impeller in the flow direction of the air flow.

IPC 8 full level
F01P 7/08 (2006.01); **F01P 7/04** (2006.01)

CPC (source: EP)
F01P 7/048 (2013.01); **F01P 7/08** (2013.01); **F01P 2005/025** (2013.01)

Citation (search report)

- [X] FR 2837872 A1 20031003 - AMAZONE MACHINES AGRICOLES SA [FR]
- [X] EP 1495886 A1 20050112 - DENSO CORP [JP], et al
- [X] EP 1703101 A1 20060920 - MAZDA MOTOR [JP]
- [XA] EP 1406377 A1 20040407 - SIEMENS VDO AUTOMOTIVE INC [CA]

Cited by
CN108246000A; GB2550334A; GB2550334B

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2085585 A2 20090805; EP 2085585 A3 20120815; EP 2085585 B1 20170524; DE 102008007628 A1 20090806;
DE 102008007628 B4 20101007

DOCDB simple family (application)
EP 09001135 A 20090128; DE 102008007628 A 20080204