

Title (en)
Fan assembly

Title (de)
Lüfterzusammenbau

Title (fr)
Assemblage de ventilateur

Publication
EP 1662111 A1 20060531 (DE)

Application
EP 05111024 A 20051121

Priority
DE 102004057153 A 20041126

Abstract (en)
The assembly has an exhauster (20) rotatably movable by a drive shaft and mechanically connected with a combustion engine (12). An exhaust ring (22) is mechanically connected with the engine and enclosing the exhauster in the circumferential direction. The exhaust ring is supported at the drive shaft in the axial and radial direction by a rotatable bearing (28). An exhaust housing is indirectly connected with the engine over a radiator. Independent claims are also included for the following: (A) an agricultural vehicle with a combustion engine and an exhaust assembly (B) a method for mounting an exhaust assembly at a vehicle.

IPC 8 full level
F01P 5/06 (2006.01); **F01P 5/04** (2006.01); **H02K 7/00** (2006.01)

CPC (source: EP US)
F01P 5/06 (2013.01 - EP US); **F01P 11/10** (2013.01 - EP US); **F04D 29/056** (2013.01 - EP US); **F04D 29/545** (2013.01 - EP US)

Citation (applicant)
• WO 9837319 A1 19980827 - SCANIA CV ABP [SE]
• US 3794001 A 19740226 - BIRCH P, et al
• DE 4244039 A1 19940707 - BEHR GMBH & CO [DE]

Citation (search report)
• [X] EP 0515785 A1 19921202 - BEHR GMBH & CO [DE], et al
• [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 07 31 July 1997 (1997-07-31)

Cited by
EP2006542A1; WO2008022739A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
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DE 502005002209 D1 20080124; US 2006112909 A1 20060601; US 7322319 B2 20080129

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US 27472505 A 20051115