

Title (en)
Work device

Title (de)
Arbeitsgerät

Title (fr)
Appareil de travail

Publication
EP 2607642 B1 20160309 (DE)

Application
EP 12008128 A 20121205

Priority
DE 102011120464 A 20111207

Abstract (en)
[origin: EP2607642A1] The angle grinder (1) has an internal combustion engine (12) to which fuel is fed through an injection valve, a crankcase (16), and a crankshaft (26) rotatably mounted about rotation axis (17). A fan which conveys cooling air for the internal combustion engine, is arranged in a fan housing (32). A connecting port is formed in the fan housing for mounting an injection valve in the cooling area (64) for making cool air to flow through the fan. The connecting port is arranged above the pressure range of the fan housing.

IPC 8 full level
F01P 1/10 (2006.01); **F01P 5/06** (2006.01)

CPC (source: EP US)
B25F 5/008 (2013.01 - EP US); **F01P 1/00** (2013.01 - US); **F01P 1/10** (2013.01 - EP US); **F01P 5/06** (2013.01 - EP US);
F02M 37/20 (2013.01 - EP US); **F02M 69/10** (2013.01 - EP US); **F01P 2025/48** (2013.01 - EP US); **F02M 35/1017** (2013.01 - EP US)

Cited by
EP3489481A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2607642 A1 20130626; EP 2607642 B1 20160309; CN 103174502 A 20130626; CN 103174502 B 20170301;
DE 102011120464 A1 20130613; EP 3009665 A1 20160420; EP 3009665 B1 20180214; US 10329994 B2 20190625;
US 2014000537 A1 20140102

DOCDB simple family (application)
EP 12008128 A 20121205; CN 201210521766 A 20121207; DE 102011120464 A 20111207; EP 15003314 A 20121205;
US 201213707724 A 20121207