

Title (en)
Blower rotor

Title (de)
Gebläserad

Title (fr)
Roue soufflante

Publication
EP 1482180 A3 20100908 (DE)

Application
EP 04011246 A 20040512

Priority
DE 20308434 U 20030527

Abstract (en)
[origin: EP1482180A2] The fan wheel (11.2) for gases has a bladed impeller driven by a motor to produce a gas volume flow during rotation of the impeller around its rotational axis. At least one element (42) consisting of several reciprocally movable links (60) is located in the volume flow generated by the impeller. This element is rotationally driven around the rotational axis of the impeller. The impeller and element are rotationally driven by the same motor. Independent claims are included for an element consisting of several links joined together with reciprocal movability like chain sections, and for a device for the burning of bio and/or solid matter masses equipped with a fan unit incorporating the aforesaid fan wheel.

IPC 8 full level
F04D 29/30 (2006.01); **F04D 29/28** (2006.01)

CPC (source: EP)
F04D 29/281 (2013.01); **F04D 29/305** (2013.01)

Citation (search report)

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

Designated extension state (EPC)
AL HR LT LV MK

DOCDB simple family (publication)
DE 20308434 U1 20030918; EP 1482180 A2 20041201; EP 1482180 A3 20100908

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DE 20308434 U 20030527; EP 04011246 A 20040512