

Title (en)
Side channel compressor

Title (de)
Seitenkanalverdichter

Title (fr)
Compresseur à canal latéral

Publication
EP 0656480 B1 20010411 (DE)

Application
EP 94118388 A 19941123

Priority
DE 4341266 A 19931203

Abstract (en)
[origin: US5603601A] A lateral channel compressor having an annular flywheel housing (1) with air inlet stub (3) and air outlet stub (4). Attachments such as mufflers, filters, or safety valves are connected to stubs. A compact design and a lower manufacturing cost is achieved when the attachments are made in the form of a kit preferably having equal-length elements (I,II,III,IV) connectable directly to one another in the axial direction. The elements preferably have tubular main housings (11, 12) flush with one another. The filter and safety valve attachments (II, III, IV) each have a housing stub (13) projecting laterally from main housing (12) for mounting of filter elements and valve components.

IPC 1-7
F04D 23/00

IPC 8 full level
F04D 23/00 (2006.01)

CPC (source: EP US)
F04D 23/008 (2013.01 - EP US); **Y10S 415/912** (2013.01 - EP US); **Y10T 137/5283** (2015.04 - EP US)

Cited by
DE102012101185A1; WO2013017383A1; DE102011055499A1; US9675921B2; EP3369471A1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
DE 4341266 C1 19940721; DE 59409723 D1 20010517; EP 0656480 A1 19950607; EP 0656480 B1 20010411; US 5603601 A 19970218

DOCDB simple family (application)
DE 4341266 A 19931203; DE 59409723 T 19941123; EP 94118388 A 19941123; US 35324694 A 19941202