

Title (en)

Vibration-reducing support structure for compressor

Title (de)

Schwingungsdämpfende Stützstruktur für Verdichter

Title (fr)

Structure de support atténuant les vibrations pour compresseur

Publication

EP 2781746 B1 20170201 (EN)

Application

EP 14158837 A 20140311

Priority

JP 2013060234 A 20130322

Abstract (en)

[origin: EP2781746A1] This is a vibration-reducing support structure for a compressor, in which a compressor (2) is supported in a vibration-reducing manner on a fixing plate (10) through a vibration-reducing member (5), and the fixing plate (10) is installed on a fixing base (15) through a sheet-like vibration-reducing member (13). The fixing plate (10) is installed on the sheet-like vibration-reducing member (13) by being stacked thereon or integrally joined therewith, and both of the fixing plate (10) and the sheet-like vibration-reducing member (13) are fixedly installed on the fixing base (15) through a fixing means which fixes both while isolating vibrations travelling from the fixing plate (10) to the fixing base (15).

IPC 8 full level

F04B 39/00 (2006.01); **F04B 53/00** (2006.01)

CPC (source: EP)

F04B 39/0044 (2013.01); **F04B 53/003** (2013.01)

Cited by

CN108518340A; EP4227530A1

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 2781746 A1 20140924; EP 2781746 B1 20170201; ES 2618055 T3 20170620; JP 2014185555 A 20141002; JP 6183828 B2 20170823

DOCDB simple family (application)

EP 14158837 A 20140311; ES 14158837 T 20140311; JP 2013060234 A 20130322