

Title (en)
REFRIGERANT COMPRESSOR AND REFRIGERATION APPLIANCE USING SAME

Title (de)
KÄLTEMITTELVERDICHTER UND KÄLTEGERÄT DAMIT

Title (fr)
COMPRESSEUR DE RÉFRIGÉRANT ET APPAREIL DE RÉFRIGÉRATION L'UTILISANT

Publication
EP 3159540 A1 20170426 (EN)

Application
EP 15808895 A 20150618

Priority
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Abstract (en)
A synthetic resin film is formed on a region of a valve plate (117) which is brought into contact with an arm portion of a suction valve (120) or a region of the valve plate (117) which is brought into contact with an arm portion of a discharge valve (121). With such a configuration, delay in opening of the suction valve (120) or the discharge valve (121) caused by adhesion force of refrigerating oil is suppressed so that a pressure loss in a suction stroke or a discharge stroke can be reduced whereby compressor efficiency is enhanced. Further, a striking sound generated at the time of closing the suction valve (120) or the discharge valve (121) is reduced by an elastic effect of the synthetic resin film so that the reduction of noises is realized.

IPC 8 full level
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