

Title (en)

DISCHARGE MUFFLER FOR A REFRIGERANT COMPRESSOR

Title (de)

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Title (fr)

SILENCIEUX D'ÉVACUATION POUR COMPRESSEUR DE RÉFRIGÉRANT

Publication

**EP 4170168 A1 20230426 (EN)**

Application

**EP 22203372 A 20221024**

Priority

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Abstract (en)

The invention relates to a discharge muffler (700) for an encapsulated refrigerant compressor, comprising- an inlet section (704) formed by a discharge connector head (730), the discharge connector head (730) defining a first discharge muffler volume (701),- a discharge muffler housing enclosing an inner housing volume,- an outlet section (705), wherein the inner housing volume is divided into a second discharge muffler volume (702) and a third discharge muffler volume (703) by a separation arrangement (740); wherein the first discharge muffler volume (701) and the second discharge muffler volume (702) are connected by an inlet tube (731), wherein the second discharge muffler volume (702) and the third discharge muffler volume (703) are connected by a tubelike connection passage (741) formed by the separation arrangement (740), and wherein the outlet section (705) is connected to the third discharge muffler volume (703). In order to provide a discharge muffler with a compact design, with which a discharge pulsation can be controlled in an efficient way, it is provided that the second discharge muffler volume (702) has a first plurality of first chambers (708) and the third discharge muffler volume (703) has a second plurality of second chambers (709).

IPC 8 full level

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Citation (search report)

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