

Title (en)

SYSTEM FOR ATTENUATING PULSATION IN THE GAS DISCHARGE OF A REFRIGERATION COMPRESSOR

Title (de)

SYSTEM ZUR DÄMPFUNG VON PULSATIONEN IM GASAUSSTRAG EINES KÄLTEKOMPRESSORS

Title (fr)

SYSTÈME D'ATTÉNUATION DES PULSATIONS DANS LE REFOULEMENT DES GAZ D'UN COMPRESSEUR FRIGORIFIQUE

Publication

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Application

EP 08864839 A 20081203

Priority

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- BR PI0705357 A 20071226

Abstract (en)

[origin: WO2009079727A1] The attenuation system is applied to a compressor which comprises: a cylinder (2) having an end closed by a valve plate (4) provided with a discharge orifice (4a) and defining, with the cylinder (2), a compression chamber (6), a cylinder cover (5) being seated against the valve plate (4) and defining a discharge chamber (7), which communicates with the exterior of the compressor through a discharge tube (8). The attenuation system comprises: at least one intermediary chamber (10) defined in the interior of the discharge chamber (7), in order to receive, from the discharge orifice (4a), the whole discharge flow coming from the compression chamber (6); and at least one connecting tube (20) mounted in the interior of the discharge chamber (7), having a first end (21) open to the interior of the intermediary chamber (10) and a second end (22) open to the interior of the discharge chamber (7).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2009079727A1

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