

Title (en)
COMPRESSOR

Title (de)
VERDICHTER

Title (fr)
COMPRESSEUR

Publication
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Application
EP 07791271 A 20070725

Priority
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Abstract (en)
A rotary valve (71) of a compressor is formed with a release path (71e) configured to release a high pressure residual refrigerant which have not been discharged in a compression and discharge stroke from one cylinder bores (B 1) which is in an initial stage of its suction stroke to other cylinder bores (B 3 , B 4) having a lower pressure than the one cylinder bores (B 1). The release path (71e) is formed with an inlet (71f), a first outlet (71g), a second outlet (71h), and a communication part (71k) connecting the inlet and the outlets. During a time period when the inlet (71f) of the release path (71e) is connected to the cylinder bore (B 1) which is in a initial state of its suction stroke, the first outlet (71g) is connected to the cylinder bore (B 3) next to, in an opposite direction to the rotational direction, the cylinder bore (B 4) which is 180 degree opposite to the cylinder bore (B 1), and then, the second outlet (71h) is connected to the cylinder bore (B 4) which is 180 degree opposite to the cylinder bore (B 1).

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