

Title (en)
CONSTRUCTIVE ARRANGEMENT FOR A RESONANT COMPRESSOR

Title (de)
AUFBAUANORDNUNG FÜR EINEN RESONIERENDEN VERDICHTER

Title (fr)
AGENCEMENT D'ELEMENTS POUR COMPRESSEUR RESONANT

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Application
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Abstract (en)
[origin: WO03076805A1] A constructive arrangement for a resonant compressor comprising a shell (1), within which are mounted: a non-resonant assembly formed by a motor and a cylinder (2), said motor having a coil (6) generating a magnetic flow that travels through the shell (1); a resonant assembly formed by a piston (10) reciprocating inside the cylinder (2) and by an actuating means (3) operatively coupling the piston (10) to the motor, said arrangement comprising a magnetic insulating means, which is affixed to one of the parts defined by the shell (1), by the resonant assembly, and by the non-resonant assembly, and which is arranged so as to interrupt the magnetic flow path between the shell (1) and at least one of the parts defined by the piston (10) and the cylinder (2) in a direction substantially parallel to the displacement direction of the piston (10).

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