

ABSTRACT OF THE DISCLOSURE

IMPROVED STRUCTURE OF VIBRATION COMPRESSOR

A vibrating compressor which may be employed in refrigerators is provided which includes an elastic mechanism
5 designed to produce reaction against movement of a piston through a moving mechanism such as an electric motor to oscillate the piston to change the volume of a compression chamber. The elastic mechanism consists of a plurality of discs connecting at the center with the piston. Each of the discs has slits curved in a scroll
10 fashion to form spring arms. The discs are laid to overlap each other and shifted in angular position from each other so that the arms of one of the discs coincide with the slits of adjacent one of the discs, thereby avoiding direct contact of the arms of adjacent two of the discs.

Figure 1.