

Abstract

COMPRESSOR SYSTEM AND FRAME

A reciprocating compressor is provided. In one embodiment, the reciprocating compressor includes a frame having a central body and a crosshead guide extending from the central body. The compressor may also include a crosshead disposed within the crosshead guide and coupled to a crankshaft disposed within the central body of the frame. Additionally, the compressor may include at least one support structure extending from the crosshead guide to the central body, comprising an oblique support structure formed at an angle with respect to the horizontal and vertical dimensions of the crosshead. Other embodiments of compression systems, devices, and frames of such systems are also provided.

Figure 1

