JAR ENHANCER

ABSTRACT

There is disclosed a tool for enhancing the impact of a jar delivered to an object stuck in a well bore during both upward and downward jars to the stuck object. The tool includes a first tubular member having an lower end connectible to the tubular member of the jar on which the hammer is mounted and a second tubular member connectible to a well pipe string above it and arranged for reciprocation with respect to the first member to form an annular space between them. The space is divided into upper and lower chambers by means of seal rings disposed between the members and the spaces are filled with a compressible fluid which is compressed as the second tubular member is moved in either upward or downward directions.

Figure 1