

PIPE COUPLING HAVING MOVABLE GRIPPING BODIES

ABSTRACT

A coupling for securing pipe elements together in end-to-end relation is disclosed. The coupling has segments joined end-to-end by adjustable connection members. The segments surround a central space which receives the pipe elements. One or more gripping bodies are captured between the segments. The gripping bodies are arranged opposite to each other. The segments have angularly oriented reaction surfaces on the connection members. The gripping bodies have angularly oriented contact surfaces which interface with the reaction surfaces. When the segments are drawn toward each other by the connection members, interaction between the reaction surfaces and the contact surfaces forces the gripping bodies radially inwardly. Inwardly facing arcuate surfaces on the segments and the gripping bodies engage and retain the pipe elements.

FIGURE. 1