

ABSTRACT

COUPLER

A coupler comprising a shaft having a first rotary axis; a central rotor mounted on the shaft and having slide pins projecting oppositely from the rotor in parallel spaced relation to the axis; and two outer rotors slide-mounted on the slide pins at opposite sides of the central rotor. The swing units are swing-mounted on the central rotor and each has opposite end portions pivotally connected by slide connections to respective of the outer rotors so that axial movement of one of the outer rotors in a selected direction results in an endwise movement of the other one of the outer rotors in a direction opposite to the selected direction.

Fig. 1