

**ABSTRACT**

A clutch device includes a sleeve (30) which has recesses (31) and is engaged with an input shaft (20). Each of the recesses has a deep corner (311) and a shallow corner (312), and a roller (50) is received in each of the recesses. A driving disk (60) has a flange (61) enclosing the sleeve. A first ring member (70) and a second ring member (80) are mounted to the sleeve and each of the first ring member and the second ring member has slots (73, 84) which extend toward different directions. The slots in the first and the second ring member have a common space for receiving a ball (91) which is biased by a spring (92). An eccentric force shifts the balls and rotates the first ring member which has blocks (71) to shift the rollers to narrow corners to drive the driving disk.

Fig. 1

This Sheet Has Been Replaced

