

TREADLE-DRIVE ECCENTRIC WHEEL TRANSMISSION WHEEL SERIES WITH PERIODICALLY VARIED SPEED RATIO

ABSTRACT

5 The present invention is structured by using one or both of an
active wheel and a passive wheel being composed of an eccentric
transmission wheel and being combined with a synchronous
transmission belt for forming an eccentric wheel transmission wheel
series, so that in the reciprocal treadle performed by the human's feet,
10 when the feet input forces at different angles from the treadle shafts of
the treadles to an active wheel shaft combined on the active wheel
through cranks, the active wheel forms different transmission speed
ratios relative to the passive wheel according to the treadle angle.

15 Figure 11