

Title (en)
MULTIPLE SPEED ORBITAL TRANSMISSION

Title (de)
MEHRSTUFIGES UMLAUFGETRIEBE

Title (fr)
TRANSMISSION PLANETAIRE A PLUSIEURS VITESSES

Publication
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Application
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Abstract (en)
[origin: WO0023727A1] A multiple speed orbital transmission is disclosed which has orbit gear pairs (10-30, 220-230 and 220'-230'). One of the pairs (230-220 or 230'-220') form an orbit control by fixing stationary or otherwise controlling the outer gear (230 or 230') so as to cause the gear (30) to execute an orbit to drive gear (10) to provide output rotary power. A brake (80 or 80') is provided for fixing the gear (230 or 230'). The gear pairs have different gear ratios between them so that by selecting and braking one of the gears (230 or 230') so the gear pair to which that gear belongs controls orbital motion of the orbit gear (30) will set the drive ratio of the transmission. Thus, by selectively causing the brake (80) to brake one of the gears (230 or 230') the drive ratio can be changed.

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