

A planetary screw is as blades fixed on drive shaft, as hollow cylinders radially placed round its axis. The blades are arranged with washers at the ends and with paddles fixed along surfaces of those, at that the blades are hinged on carrier of screw by means of conical wheels fixed on axles of those, being in permanent engagement with transmission fixed wheel, this gives possibility of planetary rotation of blades with respect to their axes and axis of drive shaft.