

Title**PRECESSIONAL PLANETARY TRANSMISSION****Authors**

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Description**EN**

The technical result of the invention consists in the following:

- compensation of the execution errors of the transmission parts, which influence the position of the contact point in the gear (eccentricity of the inclined part of the crankshaft, eccentricity of the base surface of the satellite block, eccentricity of the installation surface of the conical rollers of the toothed crowns etc.), by ensuring the possibility of micro-displacements in the three directions of the XYZ coordinate system;

- priming the shock loads on the gear by ensuring the micro-displacement of the units in the form of cells in the direction of the action of the normal force in the gear;

- reduction of slip friction losses by ensuring the micro-displacement of the cell-shaped units in the direction of the action of the friction force.