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The invention relates to the machine building. The purpose consists in increasing the kinematic precision of the engagement at the expense of making the form of a curvilinear profile with regard for the axoid angles dimensions influence on the precision teeth arrangement and the arc profile solution and increasing of portant ability at the expense of the engagement multiplicity of pairs increasing.

The transmission contains the gear engagement (1) of the curvilinear profile in a normal section given with equations and made on the driven and fixed, and the teeth (2) of the arc profile made on a satellite gear installed of the driving shaft crank (3). The transmission functiones in the following way. The driving shaft rotation through the crank (3) causes the procession motion of the satellite gear (2). The latter revolves on the fixed gear wheel (1) and rotates the driven gear wheel (1).