

Hydrostatic transmission consists of a hydrostatic drive unit with a hydraulic pump and a hydraulic motor, a gearbox with brakes, a clutch, and planetary gearsets, each of which has a sun gear, an epicyclic gear, and a satellite gearset mounted on a carrier; the output shaft of the hydrostatic transmission is connected to the sun gear of the first planetary gearset of the transmission. A brake is provided for engaging the reverse range; the first and reverse ranges are designed as dual-flow. Wherein, the output shaft of the hydrostatic transmission is connected to the sun gear of the first planetary gearset of the transmission, and the input shaft of the transmission is connected to the hydraulic pump. The input shaft is fitted with the sun gear of the second planetary gearset of the transmission; the planet gear of the second planetary gearset and the planet gear of the first planetary gearset are meshed with each other and mounted on a common carrier of the first planetary gearset, the second planetary gearset, and the third planetary gear /set of the transmission, on which the satellite gear of the third planetary gearset of the transmission is also mounted. The sun gear of the third planetary gearset of the transmission is designed as a double-crown gear together with the sun gear of the fourth planetary gearset of the transmission. The common carrier of the first planetary gearset, the second planetary gearset, and the third planetary gearset of the transmission is connected to the transmission's intermediate shaft, and the sun gear of the fifth planetary gearset and the sun gear of the sixth planetary gearset are mounted on the transmission intermediate shaft. The epicycle of the first planetary gearset of the transmission is connected via a friction clutch to the carrier of the fourth, fifth, and sixth planetary gearsets of the transmission, which is connected to the output shaft; on the carrier of the fourth planetary gearset, the fifth planetary gearset and the sixth planetary gearset of the transmission, the satellite of the fourth planetary gearset is installed. The satellite of the fifth planetary gearset and the satellite block of the sixth planetary gearset of the transmission, the epicycle of the fourth planetary gearset is connected to the transmission brake, the epicycle of the fifth planetary gear is connected to the transmission brake, and the epicycle of the sixth planetary gear is connected to the transmission brake.