

The drive mechanism comprises a driven wheel (12) rotatably mounted in a sleeve fixedly secured to a cycle frame (10), and a right-side and a left-side crank (6, 8) rotatably coupled to said cycle frame (10), wherein rotational axis of the right-side and the left-side crank (6, 8) is different from rotational axis (16) of the driven wheel (12), said rotational axis of the right-side and the left-side crank (6, 8) being parallel to rotational axis (16) of the driven wheel (12) and having a distance therefrom which is equal to or smaller than the radius of the wheel (12). Rotational axis of the right-side and the left-side crank (6, 8) has a fixed position relative to rotational axis of the driven wheel (12). The drive mechanism comprises a right-side power transmission mechanism coupled to the right-side crank (6) and the wheel (12), and a left-side power transmission mechanism coupled to the left-side crank (8) and the wheel (12), wherein the right-side power transmission mechanism and the left-side power transmission mechanism are in forced drive coupling through said wheel (12).