Claims

1. Heavy-duty transport vehicle (1) for transporting ISO containers which, in an initial state, can be operated exclusively in a manual operating mode by an operator, is displaceable in a floor-bound and free manner by means of wheels (8) having pneumatic rubber tyres, having a driver's cab (2) which is provided with a manual control system (3) for manual steering, manual movement control and manual braking, the driver's cab (2) being releasably attached to the heavy-duty transport vehicle (1), in particular to a front end side (12) of the heavy-duty transport vehicle (1),

characterised in that the heavy-duty transport vehicle (1) can be operated in an automated mode without a driver by means of a conversion, for the automated mode has at least one second installation space (15) for antennas (14), the second installation space (15) for antennas (14) is disposed in the front or rear region below a vehicle frame (9) between a front axle (6) and the front end side (12) of the heavy-duty transport vehicle (1) or between a rear axle (7) and a rear end side (16) of the heavy-duty transport vehicle (1), for the automated mode antennas (14) are disposed in the second installation space (15), the heavy-duty transport vehicle (1) is equipped with a vehicle control (11) which is in operative connection with the traction drive and/or steering and/or braking system, the heavy-duty transport vehicle (1) has an interface for coupling the manual control system (3) and the antennas (14) to the vehicle control (11), the vehicle control (11) has an automatic means, which can be activated for driverless automated operation, for inputting and storing possible travel routes and a transport assignment, for automatically determining the vehicle position in space, for controlling the movement of the vehicle in dependence upon its position in space and upon the specified transport assignment and for braking the heavy-duty transport vehicle (1) when obstacles are present ~~and the driver's cab (2) is releasably attached to the heavy-duty transport vehicle (1), in particular to a front end side (12) of the heavy-duty transport vehicle (1)~~.

2. Heavy-duty transport vehicle (1) as claimed in claim 1, characterised in that the manual control system (3) can be activated or deactivated via a safety circuit.

3. Heavy-duty transport vehicle (1) as claimed in claim 1 or 2, characterised in that the automatic means is configured, in order, after activation of the automated mode, to intervene into the control of the heavy-duty transport vehicle (1) and to assume this control during driverless automated operation.

4. Heavy-duty transport vehicle (1) as claimed in any one of claims 1 to 3, characterised in that an additional second installation space (15) for antennas (14) is disposed in the rear or front region below the vehicle frame (9) between the rear axle (7) and the rear end side (16) of the heavy-duty transport vehicle (1) or between the front axle (6) and the front end side (12) of the heavy-duty transport vehicle (1).