

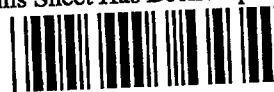
TORQUE CONTROLLED MECHANISM
FOR MOVING AND STEERING A TRANSIT VEHICLE

ABSTRACT OF THE DISCLOSURE

A bi-directional operating automated guided
5 transit system such as a people mover including a vehicle
having at least one pair of opposing axles, each axle
having a wheel with its own drive system. The vehicle is
capable of providing torque controlled steering to the
vehicle. Sensors mounted on the vehicle detect the path of
10 a guide track and, through a controlling system, direct the
motors to provide a constant torque to both wheels, thereby
directing the vehicle along a straight path or, in the
alternative, direct the motors associated with each wheel
to provide differing torques, thereby causing the vehicle
15 to turn. The system also permits a vehicle operator to
bypass the sensor signal and to manually steer the vehicle.

Fig. 6 should accompany the abstract when published.

This Sheet Has Been Replaced



THIS SHEET HAS BEEN
REPLACED