

Tube car, network of tubes, personal transport system, and control system
and control method thereof

5 Abstract

The present invention provides a new personal transport system for passengers and goods, which comprises: a tube car comprising a self-powered closed tube car carrying passengers or goods from door to door; and a network of tubes comprising a plurality of tubes, the said
10 network of tubes combined with the existing blocks or buildings, with each tube in the network of tubes provided with an upper rail and/or a lower rail for supporting and/or guiding the said tube car carrying passengers or goods. According to the invention it is possible to achieve a door-to-door
15 transport between two buildings. In comparison to other traffic systems, the inventive system' s velocity, line capacity, safety and reliability, ability of resisting disasters and comfortableness are much increased while its consumption of energy, construction cost, occupied space, operating cost, noise and visual pollution are greatly reduced. Furthermore, the
20 transport system of the invention is easy to put into a standardized production, quick to be laid, removed and reused.

Fig. 1