Title (en)

PASSENGER TRANSPORT SYSTEMS

Title (de)

PERSONEN - BEFÖRDERUNGSSYSTEME

Title (fr)

SYSTEMES DE TRANSPORT DE PASSAGERS

Publication

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Application

EP 98961310 A 19981217

Priority

- GB 9803808 W 19981217
- GB 9726906 A 19971217

Abstract (en)

[origin: GB2332658A] A passenger transport system where passengers travel in a capsules 2 (individually or in small numbers) and the capsules travel within a tube 1 in which a vacuum or partial vacuum is maintained (the purpose being to avoid air resistance). The capsules have wheels 3,4 and run on tracks 5 within the tube. Capsules are pulled through the tube at a constant speed using a chain 7 or cord arrangement in a continuous loop. Entry/exit stations, along the tube, handle capsule acceleration and deceleration and have the necessary mechanics to permit passenger entry/exit to the capsule whilst avoiding loss of vacuum. An overall automatic control system determines capsule departure times to avoid collisions on tube entry and overload at destination stations.

IPC 1-7 (main, further and additional classification)

B61B 13/10; B61B 13/12

IPC 8 full level (invention and additional information)

B61B 13/10 (2006.01); **B61B 13/12** (2006.01)

CPC (invention and additional information)

B61B 13/12 (2013.01); **B61B 13/10** (2013.01)

Citation (search report)

See references of WO 9930949A1

Designated contracting state (EPC)

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EPO simple patent family

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