

Title (en)

DEVICE FOR THE COLLECTIVE UNDERGROUND TRANSPORT OF PASSENGERS USING AUTOMATIC ACTUATION BY INDEPENDENT TRACTION CARRIAGES, ESPECIALLY USING PROPULSION BY A LINEAR MOTOR

Publication

**EP 0349390 B1 19910904 (FR)**

Application

**EP 89401766 A 19890622**

Priority

FR 8808618 A 19880627

Abstract (en)

[origin: JPH02124358A] PURPOSE: To realize less vibration and noise of those having a cabin driven by an independent traction carriage of a linear driven type by extending a lower track, on which the carriage is induced and guided, adjacent and in parallel to a cabin (upper) track and connecting the carriage flexibly to the cabin. CONSTITUTION: This transportation system is composed of a cabin 1, two traction carriages 3 connected to the lower part of the cabin 1, and adjoining tracks 5, 7. The cabin 1 is guided on the upper track 5 through an air cushion 11 and a lateral cushion 15, while the carriage 3 is rolled in the interior of the lower track 7. The upper track 5 is composed of a horizontal plate 9 supporting the air cushion 11 and a vertical side plate 13 for guiding the lateral cushion 15 of the cabin 1. The lower track 7 is of a rectangular cross section composed of two U-shaped parts with an induction block 23 for a linear motor arranged in its interior through a brace member 21, while the carriage 3 is moved through an U-shaped induced element 25 provided on the lower part thereof.

IPC 1-7

**B61B 13/08**

IPC 8 full level

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CPC (source: EP US)

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