

Title (en)

TRACK FOR MAGNETIC LEVITATION VEHICLES.

Title (de)

FAHRWEGSCHIENE FÜR EIN MAGNETSCHWEBEFAHRZEUG.

Title (fr)

RAIL POUR VEHICULES A LEVITATION MAGNETIQUE.

Publication

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Application

EP 90914166 A 19900920

Priority

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Abstract (en)

[origin: WO9104375A1] The supporting and driving forces for magnetic levitation vehicles are produced by a longitudinal stator on the track and permanent magnets on the vehicle. The longitudinal stator (33) is fastened to the underside of a track which also has two opposite horizontal running surfaces (311, 312) for pairs of distance rollers on the vehicle and a vertical running surface (321) for lateral guide rollers on the vehicle. To obtain a track which is simple and cheap to manufacture, the horizontal running surfaces are formed by the end section of the top flange (31) of the track and the vertical running surface is formed by a lateral guide profile (32) fastened to the underside of the top flange.

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