

Title (en)
CONVEYOR DEVICE

Title (de)
FÖRDEREINRICHTUNG

Title (fr)
DISPOSITIF CONVOYEUR

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Application
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Abstract (en)
[origin: WO9933732A1] The invention relates to a conveyor device (20) comprising a guiding rail (1) and at least one transport means (3) which is guided on the guiding rail (1) and driven in a conveying direction (F), whereby a ferromagnetic liquid guide organ (5) which is arranged in a fixed manner with regard to the guiding rail (1) comprises a magnet (4). The transport means (3) each have two interspaced ferromagnetic liquid guide parts (3c) which are constructed and arranged in such a way that a magnetic circuit (8) is established between a ferromagnetic armature part (6) which is adjacent to the transporting means (3) and can be detached, and such that the liquid guide parts (3c) and the liquid guide organ (5) are arranged such that they match one another due to the provision of an air gap (8a). Both liquid guide parts (3c) establish a magnetic circuit (8) with the fluid guide organ (5) in order to exert a magnetically generated attractive force (Fm) on the armature part (6).

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