

Title (en)

Anti-reverse sliding motion mechanism

Title (de)

Vorrichtung zum Hemmen des Rücklaufes von gleitender Bewegung

Title (fr)

Mécanisme anti-recul pour mouvement glissant

Publication

**EP 0724897 A1 19960807 (EN)**

Application

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- US 23323994 A 19940426
- ZA 943086 A 19940525

Abstract (en)

The present invention provides for an anti-reverse sliding motion mechanism which comprises a pair of carriers (1) having a plurality of movable sliding plates (13) disposed therein. As each carrier (1) carrying the plurality of sliding plates (13) subject to a thrust in opposite direction, the sliding plates (13) extend and move to be in perpendicular to the carrier (1), thereby producing an anti-thrust resistance force which serves as a opposite force for moving forward. When the carrier (1) is subject to a forward pushing force, the anti-reverse sliding plates move to present a horizontal smooth surface which serves as a sliding surface. By the alternating action of the pair of carriers, a forward driving force is obtained as a result of the combination of anti-reverse and sliding actions. <IMAGE>

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Citation (search report)

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