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ABSTRACT OF THE DISCLOSURE

A part transporting apparatus comprises: a guiding groove for lining up parts in one row and guiding the parts; a transporting member which is provided at the base of the guiding groove and transports the parts in a forward direction by itself moving forwards and backwards along the groove; and a driving means for reciprocally driving the transporting member in the forward and backward directions; wherein the transporting member is advanced slowly and retracted rapidly, so as to transport the parts forwards. Provided to this arrangement are: a second stopper which operates so as to open and close in the width direction of the guiding groove, and hold the second part from the front of the row of parts; and a movable first stopper which stops the first part at the tip of the guiding groove; wherein the first stopper is moved forwards synchronously with the transporting member immediately prior to completion of the forward movement of the transporting member, thereby separating the first part in the row from the second part. The first stopper retreats following the retreat of the transporting member. Such an arrangement provides for an apparatus for transporting parts, wherein the first part and second part can be separated in a sure manner even in the event that the parts are non-magnetic material, wherein ease



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REPLACED

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of extracting of the first part is facilitated, and wherein parts can be supplied in a sure manner even in the event that an extracting failure occurs.

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