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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 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 being transported on the upper plane of the transporting member; and a synchronizing means for opening and closing the stopper synchronously with the reciprocal forward and backward movement of the transporting member; wherein, once the stopper holds the second part, the transporting member further moves forward, thereby separating the first part in the row from the second part. 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, and wherein ease of extracting of the first part is facilitated.

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