

Parts Transfer System

ABSTRACT

[0035] The present invention provides a feeding apparatus for a part transfer apparatus. The feeding apparatus includes a pivotable arm for mounting a driver pulley and a vacuum pulley. Operationally, the driver pulley drives the vacuum pulley to rotate. The vacuum pulley provides a continuous vacuum suction for lifting parts to be transferred against itself, and the rotations of the vacuum pulley draw the parts from one location to another. In operation, the arm remains pivotable on the feeding apparatus. The present invention is suitably used for feeding rigid parts that are susceptible to impact.

[0036] FIG. 1 for publication.