

ABSTRACT

TITLE OF INVENTION: CONVEYOR

The present invention relates to a conveyor adapted to operate by utilization of magnetic wheels and more particularly to a conveyor wherein the power from a drive source is transmitted to a large number of rollers through magnetic wheels capable of effecting the power transfer in a non-contact manner under the action of magnetic force, whereby the rollers constituting a conveyance surface are driven to perform a simultaneous multi-shaft rotation. According to this construction, the generation of noise is suppressed and mechanical wear, rising of dust and damage are prevented. Further, it is possible to prevent the interference of magnetic forces induced inevitably between adjacent magnetic wheels and hence possible to avoid malfunction of the magnetic wheels.

Figure 4 of the drawings should accompany the abstract when published.

e-2061022