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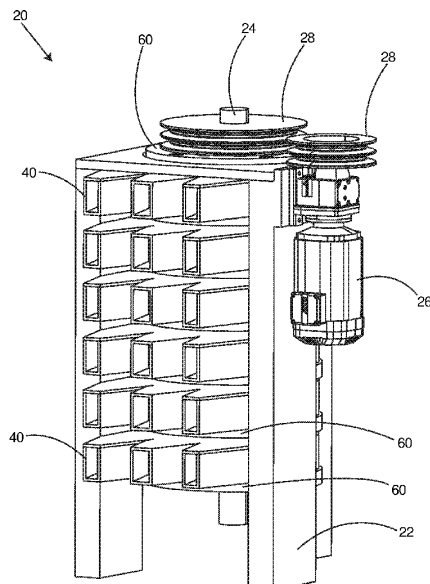


Figure 1

(57) Abstract: A separator for extracting magnetic material from an airstream of magnetic material and non-magnetic material includes a planar chamber with an inlet port, outlet port and a waste port, and a series of magnets in a plane parallel to the chamber. The magnets rotate about a common axis thereby drawing magnetic material around the chamber and towards the outlet port whilst non-magnetic material remains in the airstream and is discharged by the waste port.

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