CONTINUOUS DISCHARGE CENTRIFUGE

ABSTRACT OF THE DISCLOSURE

Prior centrifugal concentrators for separating higher density particles from a slurry have not combined effective separation of concentrate with continuous discharge of the concentrate. The present invention provides a continuous discharge centrifugal concentrator having a retention zone for accumulating the concentrate in which a plurality of mass-flow hoppers are provided at the retention zone, with flow control devices to control the discharge of concentrate from the hoppers.

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