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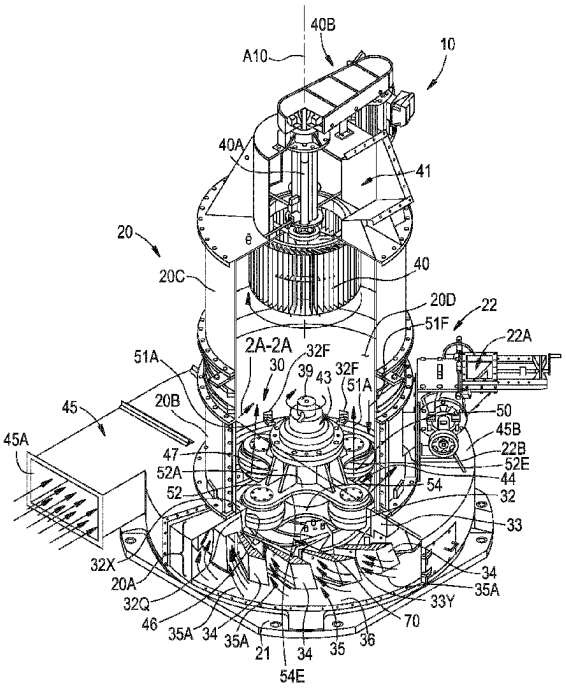
(54) PLANETARY ROLLER MILL FOR PROCESSING HIGH MOISTURE FEED MATERIAL

(57) A grinding mill for processing feed material, the grinding mill comprising a vessel assembly (20) mounted to a stationary frame (21) and having an inside peripheral surface; a material feed supply (22) in communication with an interior area of the vessel assembly (20) via a feed outlet (22B) extending radially inward through the inside peripheral surface; a grinding assembly (30) positioned in the vessel assembly (20), the grinding assembly (30) comprising: a grinding surface (46); a plurality of grinding rollers (50) rotatably mounted relative to the grinding surface (46), the plurality of rollers (50) being configured to be in grinding communication with the grinding surface (46); and further comprising a cover (59) positioned over the feed outlet (22B); further comprising a ramp (49) secured to the inside peripheral surface and extending downwardly and radially inward relative to the feed outlet (22B), the ramp (49) is at least partially extending between the feed outlet (22B) and the grinding ring (32) and being disposed radially outwardly from the grinding rollers (50); and wherein the cover (59) is positioned over at least a portion of the ramp (49).

FIG. 1A



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EUROPEAN SEARCH REPORT

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B02C

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Munich	14 January 2025	Kopacz, Ireneusz

CATEGORY OF CITED DOCUMENTS

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