

Title (en)
DRIVE FOR SCREEN BOWL DECANter CENTRIFUGE

Publication
EP 0388631 A3 19910515 (DE)

Application
EP 90102793 A 19900213

Priority
DE 3909793 A 19890324

Abstract (en)
[origin: EP0388631A2] 2.1 In order to prevent blocking of the transportation of material to the centrifuge drum, a constant difference in speed of revolution between drum and worm is required, which is relatively small but independent of loading. It is costly and complicated to achieve a slip-free drive using a planetary gear system. The new drive is intended to avoid this cost and to simplify the device. 2.2 In order to achieve a load-independent, constant difference in speed of revolution between the drum and worm, drive discs constructed as toothed discs are arranged on their drive shafts, said drive discs being form-fittingly connected via continuous toothed belts to further toothed discs arranged on the shaft of a drive motor. 2.3 Separation of solid/liquid mixtures. <IMAGE>

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Citation (search report)
• [X] CH 471044 A 19690415 - TRUMMER & CO [CH]
• [X] US 3260369 A 19660712 - GRUENEWAELDER LOU A
• [A] GB 2088255 A 19820609 - BIRD MACHINE CO

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