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Abstract (en)
[origin: WO2016091617A1] The invention relates to a separator for centrifugally processing a flowable product, comprising at least the following features: a rotatable drum (2), which bounds a centrifuging chamber (15), wherein the drum (2) has a feeding and removal system (27), which has at least one feeding device and one or more removal devices, which are composed of plastic or a plastic composite material. Said separator is characterized in that the drum has an outer supporting device and an inner drum (12) arranged in the outer supporting device, the inner drum is composed of plastic or a plastic composite material, and a means for clarifying the product to be processed in the centrifugal field is arranged in the inner drum (12), wherein the feeding device and the one or more removal devices extend into the inner drum (12) and are designed in such a way that the feeding device and the one or more removal devices do not rotate with the inner drum during operation and are glued and/or welded to each other at one or more points in such a way that the feeding device and the one or more removal devices are connected in a sealed manner, wherein the feeding and removal system (27) has one or two or more grippers (29, 30) as the removal device, each of which one or two or more grippers has a disk segment (29a, 30a) and a shaft segment (29b, 30b).

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