

Title (en)
CENTRIFUGE WITH A ROTOR

Publication
EP 0326680 A3 19900321 (DE)

Application
EP 88120396 A 19881207

Priority
DE 3803255 A 19880204

Abstract (en)
[origin: US4886486A] A centrifuge is known which has a rotor bearing a plurality of swinging buckets mounted each on two pivots and sector-shaped inserts secured in place on the axis of the rotor shaft. The inserts have substantially vertical, radially disposed supporting walls which receive the thrust of the pivots and their outer part serves as a centrifugal force-supporting surface in the operating state. Two pivots are associated with each sector-shaped insert. In order to construct a centrifuge with swinging buckets such that it will be distinguished by its simple construction and will not require adjustment of the individual components with respect to one another, a pivot is disposed on each of the two supporting walls of the insert with their free ends confronting one another.

IPC 1-7
B04B 5/04

IPC 8 full level
B04B 5/04 (2006.01)

CPC (source: EP US)
B04B 5/0421 (2013.01 - EP US)

Citation (search report)
• [X] EP 0176970 A2 19860409 - DU PONT [US]
• [AD] DE 2749785 A1 19790510 - HETTICH ANDREAS FA
• [AD] DE 1782602 B1 19720316 - HERAEUS CHRIST GMBH

Cited by
US8282759B2; US8211002B2; US8323170B2; US8328708B2

Designated contracting state (EPC)
BE CH DE ES FR GB GR IT LI LU NL

DOCDB simple family (publication)
DE 3803255 C1 19890406; EP 0326680 A2 19890809; EP 0326680 A3 19900321; US 4886486 A 19891212

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DE 3803255 A 19880204; EP 88120396 A 19881207; US 29622189 A 19890112