

Title (en)
Laboratory centrifuge with swinging buckets

Title (de)
Laborzentrifuge mit Ausschwingbehältern

Title (fr)
Centrifugeuse de laboratoire avec godets pivotants

Publication
EP 1574260 B1 20071205 (DE)

Application
EP 05005121 A 20050309

Priority
DE 102004012025 A 20040310

Abstract (en)
[origin: EP1574260A1] The rotor of a laboratory centrifuge, rotating in air without an air chamber, has rotor arms (2) ending in fork arms (4) between which containers (6) are hung to swing out on axes (5). On each rotor arm and/or on each container an aerodynamically formed fairing (12,16,20) in the direction of travel is installed in front of at least the radially outer lying areas of the regions (7) of the containers which in the swung out position face the inflow. The fairings are fastened on the rotor arms.

IPC 8 full level
B04B 5/02 (2006.01); **B04B 5/04** (2006.01)

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

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1574260 A1 20050914; EP 1574260 B1 20071205; DE 102004012025 A1 20050929; DE 102004012025 B4 20060330;
DE 102004012025 C5 20120405; DE 502005002123 D1 20080117; JP 2005254231 A 20050922; JP 4728014 B2 20110720;
US 2005221972 A1 20051006; US 7150708 B2 20061219

DOCDB simple family (application)
EP 05005121 A 20050309; DE 102004012025 A 20040310; DE 502005002123 T 20050309; JP 2005056801 A 20050302;
US 7258005 A 20050304