

Title (en)
Laboratory centrifuge

Title (de)
Laborzentrifuge

Title (fr)
Centrifugeuse de laboratoire

Publication
EP 2199713 B1 20180829 (DE)

Application
EP 09015245 A 20091209

Priority
• DE 102008064178 A 20081222
• US 13988008 P 20081222

Abstract (en)
[origin: EP2199713A2] The container has a container body with two container layers that are in heat conductive contact with different thermal conductivities. The thermal conductivities differ by a factor greater than 10, particularly greater than 20, particularly greater than 100. A layer with lower thermal conductivity is formed from a material which comprises stainless steel, steel, ceramics, glass, nanomaterial or plastic material. Another layer with higher heat conductivity, is formed from a material which comprises aluminum, gold, carbon, copper, magnesium, brass, silver or silicon or alloys. Independent claims are also included for: (1) a device for handling, particularly centrifugation, stirring or cooling of goods, particularly a laboratory centrifuge; and (2) a method for producing a container.

IPC 8 full level
F25D 19/00 (2006.01); **B04B 15/02** (2006.01); **F25D 31/00** (2006.01)

CPC (source: EP US)
B04B 15/02 (2013.01 - EP US); **F25D 19/00** (2013.01 - EP US); **F25D 19/006** (2013.01 - EP US); **F25D 31/006** (2013.01 - EP US); **F28D 1/06** (2013.01 - EP US); **F28F 13/18** (2013.01 - EP US); **F28F 2013/006** (2013.01 - EP US); **F28F 2255/00** (2013.01 - EP US); **F28F 2270/00** (2013.01 - EP US); **Y10T 29/4935** (2015.01 - US)

Citation (examination)
• DE 1806839 A1 19700917 - BAUKNECHT GMBH G
• EP 0222176 A1 19870520 - ARMCO SPA [IT]
• US 4738113 A 19880419 - RUDICK ARTHUR G [US]
• EP 0224238 A2 19870603 - DU PONT [US]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
EP 2199713 A2 20100623; EP 2199713 A3 20120502; EP 2199713 B1 20180829; DE 102008064178 A1 20100701; PL 2199713 T3 20190329; US 2010155037 A1 20100624; US 2012264582 A1 20121018; US 8845967 B2 20140930

DOCDB simple family (application)
EP 09015245 A 20091209; DE 102008064178 A 20081222; PL 09015245 T 20091209; US 201213539137 A 20120629; US 64456809 A 20091222