

Title (en)
Skimmer disk for a centrifuge

Title (de)
Schälscheibe für eine Zentrifuge

Title (fr)
Disque d'épluchage pour une centrifugeuse

Publication
EP 1457263 B1 20061011 (DE)

Application
EP 04004919 A 20040303

Priority
DE 10311610 A 20030314

Abstract (en)
[origin: EP1457263A2] The separating disc (1) for a centrifuge has a disc-form base section (2) to which is connected a tubular section. A deflection passage (3) for a fluid phase is formed in the base section and extends inwards in an arc from the periphery of the base section at an acute angle to the direction of flow. At least one wall (4,5) or wall contour of the deflection passage is constructed completely or partially in wave form. The wave form is created by at least one wave contour (6a,6b,7a,7b) which has at least one reversal point (W).

IPC 8 full level
B04B 11/00 (2006.01); **B04B 11/08** (2006.01)

CPC (source: EP US)
B04B 11/082 (2013.01 - EP US)

Cited by
US7025715B2; US7041045B2; DE202008011597U1; DE102009038743A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1457263 A2 20040915; EP 1457263 A3 20050803; EP 1457263 B1 20061011; DE 10311610 A1 20040930; DE 10311610 B4 20050428; DE 502004001698 D1 20061123; JP 2004276024 A 20041007; US 2005003946 A1 20050106; US 7025715 B2 20060411

DOCDB simple family (application)
EP 04004919 A 20040303; DE 10311610 A 20030314; DE 502004001698 T 20040303; JP 2004072947 A 20040315; US 79826404 A 20040312