

Title (en)

An inner scroll for an olive oil centrifugal separator

Title (de)

Polsterumwandlungsmaschine mit einer schwenkbaren Unterst tzung f r eine Materialrolle und Verfahren

Title (fr)

Vis pour s parateur centrifuge de l'huile d'olive

Publication

EP 0856360 B1 20020904 (EN)

Application

EP 97121247 A 19971203

Priority

IT TO960990 A 19961205

Abstract (en)

[origin: EP0856360A2] A rotating inner scroll (10) for a centrifugal separator with a horizontal axis for separating the liquid and solid phases from a past of crushed olives, comprises an elongated central hub (14) of substantially tubular shape and an outer drum of substantially truncated cone shape. The inner scroll comprises one or more baffles (20) oriented in an axial planes. The baffles are radially extending between the tubular hub (14) and the drum so as to form a barrier encompassing at least the boundary zone (A) between the oil and the water being separated by centrifugation. <IMAGE>

IPC 1-7

B04B 1/20

IPC 8 full level

B04B 1/20 (2006.01)

CPC (source: EP)

B04B 1/20 (2013.01); **B04B 2001/2041** (2013.01); **B04B 2001/2058** (2013.01)

Cited by

ES2178543A1; DE102010020901A1; CN103657880A; CN102489416A; WO2011144520A1; WO0151165A1

Designated contracting state (EPC)

ES FR GR IT PT

DOCDB simple family (publication)

EP 0856360 A2 19980805; **EP 0856360 A3 19990203**; **EP 0856360 B1 20020904**; ES 2181975 T3 20030301; IT 1289718 B1 19981016; IT TO960990 A1 19980605

DOCDB simple family (application)

EP 97121247 A 19971203; ES 97121247 T 19971203; IT TO960990 A 19961205