

Title (en)
Sealing element for the housing of an Open-end spinningmachine

Title (de)
Dichteinheit für das Gehäuse einer Offenend-Spinnvorrichtung

Title (fr)
Élément d'étanchéité pour un boîtier de rotor de filage à bout libre

Publication
EP 1201799 B1 20050330 (DE)

Application
EP 01122913 A 20010925

Priority
DE 10052528 A 20001023

Abstract (en)
[origin: EP1201799A1] An open-ended textile spinning assembly has a rotor housing and floating seal disc (2). The essentially shallow tub seal has especially a support plate (10) with a drill hole (4) surrounded by a sealing edge (11) which works with the disc (2). The disc (2) is held against the support plate (10) by an elastic element (3), and supported vertically by an end-stop (5) rim. The support is formed by a projection (32) from the elastic element (3) engaging in a cut-out (21) in the sealing disc. The support plate (10) operates with a counter disc (6) to hold an open-ended spinning assembly, anchoring the seal within the rotor housing.

IPC 1-7
D01H 4/08

IPC 8 full level
D01H 4/08 (2006.01)

CPC (source: EP US)
D01H 4/08 (2013.01 - EP US)

Cited by
CN106435864A

Designated contracting state (EPC)
CH DE IT LI TR

DOCDB simple family (publication)
EP 1201799 A1 20020502; EP 1201799 B1 20050330; DE 10147803 A1 20020801; DE 50105759 D1 20050504; US 2002135133 A1 20020926

DOCDB simple family (application)
EP 01122913 A 20010925; DE 10147803 A 20010927; DE 50105759 T 20010925; US 4566002 A 20020115