

Title (en)
DEVICE FOR OPEN-END SPINNING

Publication
EP 0197405 A3 19870729 (DE)

Application
EP 86103959 A 19860322

Priority
DE 3512592 A 19850406

Abstract (en)
[origin: US4653266A] A fiber feed channel of an open-end spinning apparatus is divided by a parting face into a stationary part and a movable part, including a pivoted cover. The parting face includes an elastic O-ring, the surface of which is disposed at a predetermined minimum angle α relative the direction of movement of the pivoted cover. Such orientation ensures a relatively perpendicular component of contact between the O-ring and the pivotal cover, thereby reducing sliding friction between the two which prolongs the life of the O-ring while providing a good seal. Two interacting elements, one arranged on the cover and the other arranged on the spinning element housing, define a stop for positioning the cover relative to the spinning element.

IPC 1-7
D01H 7/882

IPC 8 full level
D01H 4/00 (2006.01); **D01H 4/08** (2006.01); **D01H 4/38** (2006.01)

CPC (source: EP US)
D01H 4/08 (2013.01 - EP US); **D01H 4/38** (2013.01 - EP US)

Citation (search report)
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• [YD] DE 2721386 A1 19781123 - STAHLER FRITZ
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Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0197405 A2 19861015; EP 0197405 A3 19870729; EP 0197405 B1 19911227; DE 3512592 A1 19861016; DE 3512592 C2 19880526; DE 3683072 D1 19920206; HK 86592 A 19921113; SG 62692 G 19921002; US 4653266 A 19870331

DOCDB simple family (application)
EP 86103959 A 19860322; DE 3512592 A 19850406; DE 3683072 T 19860322; HK 86592 A 19921105; SG 62692 A 19920617; US 84729186 A 19860402