

Title (en)
Spinning pack

Title (de)
Spinnpack

Title (fr)
Ensemble de filature

Publication
EP 2377977 A1 20111019 (EN)

Application
EP 11156156 A 20110228

Priority
JP 2010044747 A 20100301

Abstract (en)
[OBJECT] A spinning pack that is capable of minimizing polymer leakage that might be caused due to dimensional errors of gaskets and of gasket-fitted portions is provided. [MEANS OF REALIZING THE OBJECT] A spinning pack (10) is attached to a spin block (4) of a melt-spinning apparatus (50). The spinning pack (10) includes a link member (20), a lid member (30), and a gasket (60). The link member (20) is attached to the spin block (4) and has a plurality of first polymer conduits (20A, 20B) in the link member (20). The lid member (30) is disposed below the link member (20) and has a plurality of second polymer conduits (30A, 30B) in the lid member (30). The gasket (60) is disposed between the lid member (30) and the link member (20) and has a plurality of polymer holes (60A, 60B) in the gasket to communicate with the plurality of first and second polymer conduits (20A, 20B) and (30A, 30B).

IPC 8 full level
D01D 4/02 (2006.01)

CPC (source: EP)
D01D 4/02 (2013.01)

Citation (applicant)
JP H0941215 A 19970210 - TORAY ENG CO LTD

Citation (search report)
• [XII] US 3237245 A 19660301 - KUNIJIRO NONAMI, et al
• [XII] WO 2005068691 A1 20050728 - KIMBERLY CLARK CO [US], et al
• [A] EP 0436105 A2 19910710 - BARMAG BARMER MASCHF [DE]
• [A] US 5690971 A 19971125 - BULUSCHEK BRUNO [CH]
• [A] DE 202008015313 U1 20090430 - OERLIKON TEXTILE GMBH & CO KG [DE]
• [A] DE 4447420 A1 19960704 - FISCHER KARL IND GMBH [DE]

Cited by
EP3741884A4; US11603604B2

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2377977 A1 20111019; EP 2377977 B1 20201111; CN 102191567 A 20110921; CN 102191567 B 20141217; JP 2011179138 A 20110915; JP 5448935 B2 20140319

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EP 11156156 A 20110228; CN 201110047711 A 20110228; JP 2010044747 A 20100301