

Title (en)  
POLYETHYLENE MULTIFILAMENT YARN

Publication  
**EP 0213208 B1 19911030 (EN)**

Application  
**EP 86901136 A 19860206**

Priority  
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Abstract (en)  
[origin: EP0213208A1] Novel polyethylene multifilament yarn having high strength and high modulus and being substantially free from cohesion between single yarns is provided by a novel process which comprises employing a dry-wet spinning or gel-wet spinning method, drying single yarns containing an extractant separately from each other by vibrating them using a turbulent air flow, and heat-treating them under tension at temperatures in a specific range before drawing.

IPC 1-7  
**D01D 5/00**; **D01D 10/06**; **D01F 6/04**

IPC 8 full level  
**D01D 5/00** (2006.01); **D01D 10/06** (2006.01); **D01F 6/04** (2006.01)

CPC (source: EP)  
**D01D 5/06** (2013.01); **D01F 6/04** (2013.01); **D07B 1/025** (2013.01); **D07B 2201/2009** (2013.01); **D07B 2205/2014** (2013.01)

Citation (examination)  
JP S585228 A 19830112 - ALLIED CHEM

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US6448359B1; WO2008055405A1; KR20140101864A; EP3212827A4; EP1193335A4; EP1643018A1; KR100741725B1; US5578374A; US5741451A; US5958582A; EP0419060A3; AU642154B2; WO2013092626A1; WO2012032082A1; WO2010122099A1; WO2015110357A1; WO2013087827A1; WO173173A1; WO2006010522A1; WO2012076728A1; US10485900B2; CN103998661A; AU2012351621B2; EA026479B1; EP3460110A1; CN109594161A; EP3795727A1; WO2012152871A1; WO2013037811A1; WO2012013738A1; WO2019166574A1; JP2008508003A; WO2012140017A1; US9623626B2; WO2020178227A1; WO2011015485A1; WO2013000995A1; WO2013120983A1; WO2016189120A1; EP2112259A1; WO2004052421A1; WO2011073405A1; WO2011138286A1; WO2012080274A1; EP2868788A1; WO2012080317A1; WO2012119981A1; US9397392B2; US9744741B2; US10724162B2; WO2022049038A1; US6746975B2; WO2011012578A1; WO2011045321A1; WO2011045325A1; WO2011058123A2; WO2013149990A1; WO2012066136A1; WO2014056982A1; WO2018002229A1; US9902466B2; WO2019012129A1; WO2020178228A1; WO2011015619A1; WO2011015620A1; WO2012004392A1; WO2013024148A1; WO2014012898A2; US9382646B2; US9896798B2; US11230797B2; US11746442B2; WO2010106143A1; EP2481847A1; WO2012126885A1; WO2013128006A2; WO2013135609A1; WO2014057035A1; WO2016001158A1; US9677221B2; US9677693B2; US10060119B2; US10450697B2; WO2012139934A1; WO2013076124A1; WO2013139784A1; WO2015086627A2; WO2016189116A1; EP3156525A1; US9879757B2; US10870930B2; US11242625B2; US11773517B2; US8870504B2; US8999866B2; US9759525B2; WO2019121209A1; US10370781B2; WO2019170769A1; US10557689B2; US10557690B2; US10612892B2; US10711375B2; US11505879B2; US11661678B2; EP1746187A1; WO2012113727A1; WO2013186206A1; US9194059B2; EP3202702A1; WO2017134123A1; WO2019012130A1; WO2019121204A1; US11312596B2

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