

Title (en)
FILAMENT FOR SPUNBOND NON WOVEN FABRIC

Title (de)
FILAMENT FÜR NICHTGEWEBTEN SPINNVLIESTOFF

Title (fr)
FILAMENT POUR TISSU NON TISSÉ FILÉ-LIÉ

Publication
EP 4223920 A3 20230913 (EN)

Application
EP 23164595 A 20171114

Priority
• EP 16198713 A 20161114
• EP 17165357 A 20170406
• EP 17201684 A 20171114

Abstract (en)
Multicomponent filament (2) having at least two sub-filaments (2a, 2b) co-extruded from at least two materials (A, B) in side-by-side arrangement and adhered to one another, wherein the material (A) of a first sub-filament (2a) has melting temperature (T1) different from the melting temperature (T2) of the material (B) of a second sub-filament (2b) by at least 10°C and wherein, in cross section, the contact surface between said two sub-filaments (2a, 2b) is substantially wave-shaped.

IPC 8 full level
D01F 8/06 (2006.01); **D01D 5/22** (2006.01); **D01D 5/32** (2006.01); **D04H 3/018** (2012.01); **D04H 3/147** (2012.01); **D04H 3/153** (2012.01); **D04H 3/16** (2006.01)

CPC (source: EP)
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Citation (search report)
• [XA] US 3781399 A 19731225 - KOBAYASHI H, et al
• [A] US 5108820 A 19920428 - KANEKO AKIRA [JP], et al
• [A] WO 2010014555 A1 20100204 - DOW CHEMICAL CO [US], et al
• [A] US 2010261399 A1 20101014 - KATSUYA MASAHITO [JP], et al
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Designated contracting state (EPC)
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