

Title (en)
ROPE COMPRISING AT LEAST ONE FIBRILLATED FILM TAPE

Title (de)
SEIL MIT MINDESTENS EINEM FIBRILLIERTEN FOLIENBAND

Title (fr)
CÂBLE COMPRENANT AU MOINS UNE BANDE DE FILM FIBRILLÉE

Publication
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Application
EP 12812212 A 20121218

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Abstract (en)
[origin: WO2013092622A1] A process for producing a high strength rope comprising the step of i) providing a uniaxially oriented tape (10) comprising ultra-high molecular weight polyethylene, the tape (10) having a tensile strength of at least 0.9 GPa, and ii) simultaneously twisting and fibrillating the tape (10) into a twisted strand of fibrillated tape with a coherent network of filaments and fibrils. A rope obtainable by the process and products comprising the rope are also disclosed.

IPC 8 full level
D07B 5/00 (2006.01); **D07B 1/02** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2013092622A1

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