

Title (en)
Synthetic tracking fiber

Title (de)
Synthetische Faser geeignet erfasst zu werden

Title (fr)
Fibre synthétique apte à être détectée

Publication
EP 2843128 A1 20150304 (EN)

Application
EP 13182796 A 20130903

Priority
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Abstract (en)
A tracking fiber for non-destructive testing of linear tension members wherein the tracking fiber comprises a fiber and a composition, wherein the fiber comprises a synthetic polymer and the composition comprises at least one component chosen from: i) an alkali metal, an earth alkali metal, a metal chosen from cerium, neodymium, zinc, iron, zirconium, tantalum, silver, gold, platinum, titanium or iridium, a metal alloy and/or a derivative thereof, ii) a halogen and/or derivative thereof, or iii) an organic compound. Also a linear tension member with said tracking fiber and the use of said tracking fiber for testing of a linear tension member, e.g. by X-ray, terahertz, electromagnetic, permanent magnetic field analysis, NMR or electric conductivity is disclosed.

IPC 8 full level
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