

Title (en)

COMPOSITE MATERIAL, BASED ON A RUBBER COMPOSITION AND A PLASMA-TREATED METALLIC REINFORCING ELEMENT

Title (de)

VERBUNDWERKSTOFF AUF BASIS EINER KAUTSCHUKZUSAMMENSETZUNG UND EINES PLASMABEHANDELTN METALLISCHEN VERSTÄRKUNGSELEMENTS

Title (fr)

COMPOSITE À BASE D'UNE COMPOSITION DE CAOUTCHOUC ET D'UN ÉLÉMENT DE RENFORT MÉTALLIQUE TRAITÉ AU PLASMA

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2022238637A1] The invention relates to a composite material based on a rubber composition based on at least one elastomer, a reinforcing filler, a crosslinking system and at least one metallic reinforcing element embedded in said rubber composition, said composite material being obtained by a method comprising at least one step of generating an atmospheric plasma, a step of contacting the surface of the metallic reinforcing element with the atmospheric plasma, and a step in which the metallic reinforcing element is embedded in the rubber composition so as to obtain the composite material.

IPC 8 full level

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CPC (source: EP)

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1. **C08K 3/04 + C08L 7/00**
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