

Title (en)

PITCH FOR BINDING ELECTRODES AND PROCESS FOR PREPARING SAID PITCH

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Application

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Priority

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Abstract (en)

[origin: WO8807571A1] The disclosed bonding pitch for electrodes, having a softening point C.I.A. comprised between 80C and 150C, a concentration of quinoline-insoluble substances higher or equal to 4% by weight, a concentration of \$g(a)+\$g(b) resins comprised between 28 and 40% by weight, and a fixed carbon content determined according to the standard ISO 6998, at least equal to 51% by weight, is characterized by a vitreous transition domain \$g(D)Tg\$, determined by differential calorimetric analysis, at the most equal to 50C. In order to produce such a pitch, a pitch having a content of quinoline-insoluble substances lower than 4% by weight is subjected to a treatment by waves having a frequency between 0.9 and 300 GHz. Such treatment makes possible the increase of the carbon content of the pitch while preserving a good affinity to the coke and significantly decreasing its vitreous transitional domain.

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