

Title (en)

Fuel briquetting composition and the manufacturing of fuel briquettes using it

Title (de)

Brennstoffbrikettierungszusammensetzung und Verfahren zur Herstellung von Brennstoffbriketten mittels dieser

Title (fr)

Composition de briquetage de combustibles et procédé de préparation en l' utilisant

Publication

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Application

EP 00305291 A 20000622

Priority

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Abstract (en)

A fuel briquetting composition comprising a mixture of fuel particles, e.g., coal or petroleum coke, an alkaline phenol-formaldehyde resin, an esterified phenol-formaldehyde resole resin, a water-activatable green strength additive and water. Fuel briquettes can be made using this mixture by forming it into briquettes and allowing the resinous components of the mixture to react with the result of hardening the briquettes. <??>The use of an esterified phenol-formaldehyde resole resin as the curing agent for the alkaline phenol-formaldehyde resin binder has the advantage that the reaction product does not result in the incorporation of unreactive by-products into the polymer matrix which would, if present, lower the water resistance of the product.

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