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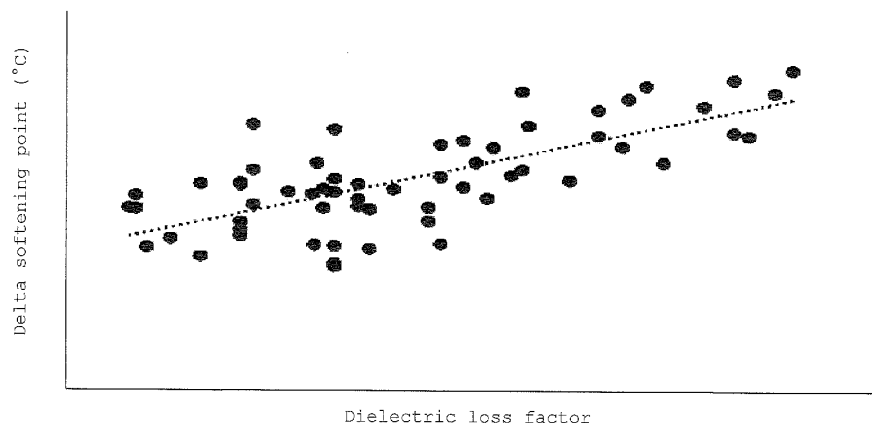


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(54) Title: METHOD FOR PREDICTING BITUMEN PROPERTIES

Figure 2



(57) Abstract: Method for predicting one or more properties of bitumen using dielectric spectroscopy, wherein the method comprises: (a) dissolving a bitumen sample in a solvent to form a bitumen solution; (b) measuring the impedance response of the bitumen solution across a frequency range of from 1,400 Hz to 1,580 Hz; (c) converting the impedance response of the bitumen solution to a dielectric loss factor; and (d) comparing the dielectric loss factor of the bitumen solution to a reference database comprising dielectric loss factors of reference bitumen samples to predict one or more properties of the bitumen sample comprising the bitumen solution.

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