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(54) Title of the invention : NANO FLY ASH PARTICLES AS AN ADDITIVE IN LUBRICATING OILS FOR ENHANCING THE TRIBOLOGICAL PROPERTIES OF ALLOY STEELS

(51) International classification	:C10M0141080000, C23C0014060000, C10M0163000000, C10M0171060000, C10M0177000000	(71) <b>Name of Applicant :</b> <b>1)Chitkara Innovation Incubator Foundation</b> Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
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(57) Abstract :

The present invention relates to a method for improving the tribological properties of the sliding alloys in different applications. Specifically, the present invention relates to a nano fly ash particulate matter, a biowaste from the thermal power plants that are found to be beneficial in enhancing the anti-wear properties and anti-friction properties of the alloy steels, as a novel additive in lubricating oils.

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