Title (en)

PROCESS FOR PRODUCING AN ADDITIVE FOR LUBRICANTS AND FOR AQUEOUS HEATING AGENTS AND FUELS

Publication

EP 0258426 B1 19900725 (DE)

Application

EP 87902076 A 19870130

Priority

DE 3603207 A 19860203

Abstract (en)

[origin: WO8704717A1] Process for producing an additive for lubricants, as well as for aqueous fuel mixtures and heating agents, in which an aqueous solution of an invert cane sugar, used as the main ingredient with a hydrocarbon and alcohol content, is heated and then cooled. The invert cane sugar is characterized by an inversion degree of about 50% to 80% and is heated to about 75 DEG to 100 DEG C until formation of a red coloration. The additive thus obtained can be used in a mixture with alcohol, water, petrol as an advantageous fuel and as a substitute for regular-grade petrol and even for premium-grade petrol. A corresponding mixture can also be used as a heating agent. Furthermore, the properties of lubricants can be improved by incorporating this additive. Finally, the efficiency of air filters of vehicles and combustion plant can be improved by impregnating the filter material with the additive described.

IPC 1-7

C10L 1/10; C10L 1/32; C10M 145/40

IPC 8 full level

B01D 39/00 (2006.01); **C10L 1/10** (2006.01); **C10L 1/16** (2006.01); **C10L 1/18** (2006.01); **C10L 1/182** (2006.01); **C10L 1/32** (2006.01); **C10M 145/40** (2006.01); **C10M 177/00** (2006.01); C10N 40/22 (2006.01); C10N 40/24 (2006.01); C10N 70/00 (2006.01)

IPC 8 main group level

C10L (2006.01); **C10M** (2006.01)

CPC (source: EP KR US)

C10L 1/10 (2013.01 - EP KR US); **C10L 1/328** (2013.01 - EP US); **C10L 10/02** (2013.01 - EP US); **C10L 10/08** (2013.01 - EP US); **C10M 145/40** (2013.01 - EP US)

Cited by

US7384896B2; US8022021B2; US7534747B2; US6843916B2; US7417012B2; US7799745B2; US8076273B2; US8299000B2

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