

Title (en)
REDUCTION OF DIESEL EMISSIONS.

Title (de)
VERMINDERUNG DER EMISSIONEN AUS DIESELMOTOREN.

Title (fr)
REDUCTION DES DEGAGEMENTS DE MATIERES PARTICULAIRES PAR LES MOTEURS DIESEL.

Publication
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Application
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Priority
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• GB 9116527 A 19910731

Abstract (en)
[origin: WO9303126A1] Diesel engine particulate emissions can be reduced by the use of a crankcase lubricating composition having one or more of characteristics or components (a) to (e): (a) a relatively low high shear viscosity and a relatively low volatility; (b) a base oil giving a reduced ignition delay compared with that given by 150 solvent neutral; (c) a zinc content of zero or of not more than 0.06 mass % on an active ingredient basis; (d) a total sulphated ash (SASH) level of zero, or if one or more ash-producing additives are present, SASH level of not more than 0.8 mass % and a TBN to SASH ratio of less than 8.5; (e) at least one metal-containing detergent in which the metal has a first ionization potential lower than that of magnesium.

Abstract (fr)
On peut réduire les dégagements de matières particulaires par les moteurs Diesel à l'aide d'une composition lubrifiante pour carter présentant un(e) ou plusieurs des caractéristiques ou constituants (a)-(e): (a) une viscosité de cisaillement élevé et une volatilité relativement faibles; (b) une huile de base assurant une réduction du délai d'allumage par rapport à celui du solvant 150 neutre; (c) une teneur en zinc nulle ou ne dépassant pas 0,06 % en masse en ce qui concerne les ingrédients actifs; (d) une teneur globale en cendre sulfatée (SASH) nulle ou, au cas où un ou plusieurs additifs produisant les cendres seraient présents, ne dépassant pas 0,8 % en masse, ainsi qu'un rapport indice de base totale/SASH inférieur à 8,5; et (e) au moins un détergent contenant du métal dans lequel le métal présente un premier potentiel d'ionisation inférieur à celui du magnésium.

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IPC 8 full level
C10M 167/00 (2006.01); **C10M 169/04** (2006.01); **C10M 177/00** (2006.01); F02B 3/06 (2006.01)

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