

Title (en)

Synthetic oil filtration with a silico-calcareous product

Title (de)

Filtration von synthetischen Ölen mit einem Kalkkieselsäureprodukt

Title (fr)

Filtration d'huiles synthétiques par produit silico-calcaire

Publication

**EP 0926226 A1 19990630 (FR)**

Application

**EP 97870202 A 19971222**

Priority

EP 97870202 A 19971222

Abstract (en)

Cleaning used synthetic oils comprises the use of a silico-calcareous material to remove fatty material. The mineralogical silico-calcareous product is of the formula  $\text{CaCO}_3$ ,  $\text{SiO}_2$ ,  $\text{Al}_2(\text{Si}_4\text{O}_{10})(\text{OH})_2 \cdot n\text{H}_2\text{O}$ , mica in the proportions 50%, 35%, 12% and 3% respectively. This is milled to a particle size of 50  $\mu\text{m}$  and added at a concentration of 10-50 g/l. The degree of attenuation of fatty material is 95%. Before use the product is thermally treated at 220 degrees C to remove interstitial water.

Abstract (fr)

L'épuration des matières grasses dans l'huile de synthèse se fait par adjonction à l'huile de produit silico-calcaire composé de  $\text{CaCO}_3$ ,  $\text{SiO}_2$ ,  $\text{Al}_2(\text{Si}_4\text{O}_{10})(\text{OH})_2 \cdot n\text{H}_2\text{O}$ , MICA, broyé à 50  $\mu\text{m}$  à raison de 10 à 50 g/l. Le taux d'épuration des graisses est d'environ 95%.

IPC 1-7

**C10M 175/00**; **B01D 15/00**

IPC 8 full level

**C10M 175/00** (2006.01)

CPC (source: EP)

**C10M 175/0075** (2013.01)

Citation (search report)

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- [A] EP 0307716 A1 19890322 - TAKANO CORP [JP]
- [A] FR 2157166 A5 19730601 - CARBON CHARBONS ACTIFS

Designated contracting state (EPC)

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