

Title (en)

Process for obtaining aromatic oils having a polycyclic aromatics content of less than 3% which are useful as process oils

Title (de)

Verfahren zur Herstellung von Ölen mit einem Gehalt an polycyclischen Aromaten von weniger als 3%, verwendbar als Prozessöle

Title (fr)

Procédé pour l'obtention d'huiles à teneur en aromatiques polycycliques de moins que 3% utilisables comme huiles de procédé

Publication

EP 0839891 A2 19980506 (EN)

Application

EP 97500182 A 19971030

Priority

- ES 9602311 A 19961031
- ES 9702226 A 19971028

Abstract (en)

Process for obtaining aromatic oils having a polycyclic aromatic compounds content of less than 3 %, useful as rubber extenders, from the mixed extract flow obtained in the manufacture of lubricant bases, which comprises cooling the flow of mixed extracts to render non-polyaromatic components insoluble, settling to bring about separation of the bases, total or partial redissolution in solvent of the light phase obtained in said settling, cooling to effect separation of the non-polyaromatic components, and settling to recover the light phase having a low polyaromatic compound content. A hydrocarbonated stream, having an initial boiling point greater than 200 DEG C, to regulate the solvent/solute rate and increase the production capacity of aromatic oils with a PCA content of less than 3%, may be added to the starting mixed extract flow. <IMAGE>

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Cited by

US6399697B1; US6605695B2; EP1433833A4; CN114177655A; KR20020076627A; EP1106673A3; KR20020076626A; FR2958655A1; CN102643668A; CN102643669A; EP0940462A4; CN102971400A; KR20130124157A; CN102517074A; EP1031621A3; EP2433812A1; US10947368B2; WO2018096042A1; WO2011145086A3; WO2011125042A1; EP1637353A1; US7968630B2; EP3159181A1; WO2022170257A1; US9758650B1; EP3323631A1; EP4122718A1; EP3031621A1; US9764594B2; EP3450494A1; US10279626B2; US10428205B2; EP2489698A1; US11440350B2; EP1493596A1; US7193004B2; US7968631B2; EP3031620A1; US9757987B2; EP3450490A1; EP3705518A1; EP3910018A1; EP3251872A1; EP3560992A1; US10711120B2; US8939184B2; EP3620307A1; US10767034B2; US7406990B2; EP3450465A1; US10544288B2; EP3689637A1; EP1712587A1; EP3127712A1; EP4101657A1; US6802960B1; EP2674454A1; US9512366B2; EP3181373A1; US10563050B2; EP4249549A1; EP3170680A1; US11118036B2; JP2013529239A; EP2113021B1; EP3622843A2; WO2023034119A1; EP4198079A1; US11879055B2; EP2571961B1

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