

Title (en)

Rubber process oil, high-viscosity base oil, and process for the production thereof

Title (de)

Kautschuk-Prozessöl, hoch-viskoses Basisöl, und Verfahren zu dessen Herstellung

Title (fr)

Huile de processus pour caoutchouc, huile de base à haute viscosité et procédé pour leur préparation

Publication

**EP 1148112 A3 20030122 (EN)**

Application

**EP 01303382 A 20010411**

Priority

JP 2000117447 A 20000419

Abstract (en)

[origin: EP1148112A2] A novel process for the production of an extract useful as a process oil and a raffinate useful as a high-viscosity base oil by solvent refining is provided, characterized in that reduced pressure distillation is effected under the condition that the end point of distillate is 580 DEG C or higher as calculated in terms of atmospheric pressure or the initial boiling point of the residue is 450 DEG C or higher as calculated in terms of atmospheric pressure, the resulting residual oil is deasphalted under the condition that the carbon residue content in the deasphalted oil reached 1.6% or less, and the resulting deasphalted oil is subjected to solvent refining under the condition that the yield of extract is from 35% to 60%. It is a novel and economically excellent process for the preparation of a rubber process oil having a high safety, a high penetrating power with respect to rubber polymer and the content of PCA extract of less than 3%.

IPC 1-7

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IPC 8 full level

**C10G 53/06** (2006.01); **C10M 101/02** (2006.01)

CPC (source: EP KR US)

**C10G 21/003** (2013.01 - KR); **C10G 21/30** (2013.01 - KR); **C10G 53/06** (2013.01 - EP US); **C10M 101/02** (2013.01 - EP KR US); **C10G 2300/301** (2013.01 - EP US); **C10G 2300/302** (2013.01 - EP US); **C10G 2300/304** (2013.01 - EP US); **C10G 2300/44** (2013.01 - EP US); **C10G 2400/10** (2013.01 - EP US)

Citation (search report)

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