

Title (en)

Process for catalytic dewaxing of more than one refinery-derived lubricating base oil precursor.

Title (de)

Prozess zur katalytischen Entwachsung von mehr als einem aus einer Raffinerie stammenden Grundöl-Precursor.

Title (fr)

Procédé de déparaffinage catalytique de plus d'un précurseur d'huiles lubrifiantes de base dérivé de raffinerie.

Publication

EP 0237655 A1 19870923 (EN)

Application

EP 86202162 A 19861203

Priority

US 81321485 A 19851224

Abstract (en)

A process for catalytic dewaxing of more than one refinery-derived lubricating base oil precursor which comprises contacting in a first reaction zone in the presence of a hydrogen-containing gas at hydrodewaxing conditions a first feed stream comprising a first refinery-derived raffinate lubricating base oil precursor which contains a first wax comprising straight-chain paraffins with a first hydrodewaxing catalyst selective for conversion of said first wax and contacting in the presence of a hydrogen-containing gas at hydrodewaxing conditions in a parallel-situated second reaction zone a second refinery-derived raffinate lubricating base oil precursor which contains a second wax containing branched and/or cyclic hydrocarbons with a second hydrodewaxing catalyst selective for conversion of said second wax, and optionally contacting in one or more further reaction zones further refinery-derived waxy raffinate lubricating base oil precursor feed streams in the presence of a hydrogen-containing gas at hydrodewaxing conditions with a hydrodewaxing catalyst, and removing at least two parallel effluent streams of refinery dewaxed lubricating base oils from said reaction zones.

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Citation (search report)

- EP 0091252 A1 19831012 - MOBIL OIL CORP [US]
- EP 0062985 A1 19821020 - MOBIL OIL CORP [US]
- US 4211635 A 19800708 - CHEN NAI Y [US]

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