

Title (en)

Lubricant composition used in a high-pressure ethylene polymerisation process.

Title (de)

Schmiermittelzusammensetzung verwendbar in einem Äthylen-Hochdruckpolymerisationsverfahren.

Title (fr)

Composition lubrifiante améliorée utilisable dans un procédé de polymérisation de l'éthylène sous haute pression.

Publication

EP 0080919 A1 19830608 (FR)

Application

EP 82402095 A 19821117

Priority

FR 8122389 A 19811130

Abstract (en)

The composition comprises an oil based on paraffins and, additionally, from 0.05 to 0.25% by weight of at least one radical polymerisation inhibitor chosen from quinones, phenol derivatives, phosphites and alkyl thiodicarboxylates. It is employed for lubricating the compressor of a high-pressure ethylene polymerisation plant.

Abstract (fr)

La composition lubrifiante comprend une huile à base de paraffines et, en outre, de 0,05 à 0,25 % poids d'au moins un inhibiteur de polymérisation radicalaire choisi parmi les quinones, les dérivés du phénol, les phosphites et les thiodicarboxylates d'alkyle. Elle est utilisée pour la lubrification du compresseur d'une installation de polymérisation de l'éthylène sous haute pression.

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IPC 8 full level

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Citation (search report)

- [YD] FR 1353328 A 19640221 - ACHESON IND INC
- [YD] FR 1404773 A 19650702 - ALLIED CHEM
- [Y] US 2028349 A 19360121 - MATHIAS PIER, et al
- [Y] DE 2019381 A1 19701126 - MOL EN CORP
- [A] FR 2313399 A1 19761231 - CHARBONNAGES STE CHIMIQUE [FR]

Cited by

FR2533638A1

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