

Title (en)

Purification of triglyceride oils with alkali metal borohydrides.

Title (de)

Raffinieren von Triglycerid-Ölen in Anwesenheit von Alkalimetall-Borhydriden.

Title (fr)

Purification d'huiles triglycerides en présence de borohydrides de métaux alcalins.

Publication

EP 0116408 A2 19840822 (EN)

Application

EP 84300145 A 19840110

Priority

US 45666883 A 19830110

Abstract (en)

This invention relates to an improved alkali refining process for purifying natural oils such as the triglyceride oils. In accordance with the present invention, it has been found that the color, color stability, odor and/or flavor of the refined oil is improved by refining the oil in the presence of an alkali metal borohydride. In addition, a reduction in the peroxide content of the refined oils has also been observed. Use levels of the alkali metal borohydride typically range from about 50 to about 2000 ppm, based on the weight of the oil.

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C11B 3/06; **C11B 3/00**

IPC 8 full level

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CPC (source: EP)

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Cited by

US2013091759A1; US2013096322A1; US2011113679A1; US8957268B2; US2011160472A1; US8642824B2; US2014275595A1; KR20150129681A; US9388097B2; US2017066993A1; AU2014243795B2; US9284515B2; US9216941B2; WO2014160417A1; WO2013106249A1; US10427146B2; US10744494B2; US8692006B2; US9732282B2; US10071950B2; US10689582B2; US9919299B2; US10343153B2; US11285466B2

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