

Title (en)

Continuous selective reduction of edible oils and fats.

Title (de)

Kontinuierliche selektive Reduzierung von essbaren Ölen und Fetten.

Title (fr)

Réduction sélective continue d'huiles et de graisses comestibles.

Publication

EP 0126168 A1 19841128 (EN)

Application

EP 83104898 A 19830518

Priority

EP 83104898 A 19830518

Abstract (en)

A method of selective continuous hydrogenation of edible fats and oils over a fixed catalyst bed utilizes zerovalent metal selected from Group VIII of the Periodic Table supported on low surface area alpha-alumina. Partial hydrogenation of soybean oil to an IV of about 110 can be successfully performed using alpha-alumina of surface area less than about 5 m²/g to afford a product whose SFI is acceptable for end product use.

IPC 1-7

C11C 3/12

IPC 8 full level

C11C 3/12 (2006.01)

CPC (source: EP)

C11C 3/126 (2013.01)

Citation (search report)

- [Y] FR 2175223 A1 19731019 - CHEMETRON CORP [US]
- [Y] FR 2006356 A1 19691226 - ENGELHARD MIN & CHEM
- [Y] US 3565830 A 19710223 - KEITH CARL D [DE], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

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