

Title (en)

IMPROVED PROCESS FOR THE PRODUCTION OF EDIBLE OILS

Publication

**EP 0314044 A3 19900328 (EN)**

Application

**EP 88117676 A 19881024**

Priority

US 11490387 A 19871029

Abstract (en)

[origin: EP0314044A2] The present invention relates to an improvement to a hydrogenation process for the production of moderate and high selectivity edible oils which results in a reduction in the required catalyst and in hydrogen consumption. The improvement comprises the use of high purity hydrogen (i.e. from a liquid hydrogen source); the use of a predetermined catalyst concentration, reaction starting temperature, and maximum temperature which is determined by product selectivity; and the use of reactor venting in relationship to the concentration of moisture in the feedstock and the gas mixing mechanism in the reactor.

IPC 1-7

**C11C 3/12**

IPC 8 full level

**C07B 61/00** (2006.01); **B01J 23/755** (2006.01); **C07C 67/303** (2006.01); **C07C 69/003** (2006.01); **C11C 3/12** (2006.01)

CPC (source: EP KR)

**C11C 3/12** (2013.01 - EP KR)

Citation (search report)

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- [A] GB 1151677 A 19690514 - PROCTER & GAMBLE [US]
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- [AD] US 4424163 A 19840103 - ROSEN BRUCE I [US]

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BE CH DE ES FR GB IT LI LU NL

DOCDB simple family (publication)

**EP 0314044 A2 19890503**; **EP 0314044 A3 19900328**; JP H01161094 A 19890623; KR 890006800 A 19890616; KR 910004885 B1 19910715; ZA 888115 B 19900627

DOCDB simple family (application)

**EP 88117676 A 19881024**; JP 26798188 A 19881024; KR 880014222 A 19881029; ZA 888115 A 19881028