

Title (en)

METHOD FOR PRODUCING A TURMERIC-BASED OIL SOLUTION FOR FOOD USE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER KURKUMABASIERTEN ÖLLÖSUNG ZUR VERWENDUNG IN LEBENSMITTELN

Title (fr)

PROCÉDÉ DE PRODUCTION D'UNE SOLUTION D'HUILE À BASE DE CURCUMA À USAGE ALIMENTAIRE

Publication

EP 3727036 A1 20201028 (EN)

Application

EP 18830313 A 20181213

Priority

- IT 201700147630 A 20171220
- IB 2018060004 W 20181213

Abstract (en)

[origin: WO2019123135A1] A method for producing a turmeric oil solution for food use, comprising the following steps: selecting a turmeric powder, on the basis of the total amount of curcuminoids active principles contained in said powder; adding said turmeric powder to a high oleic sunflower oil, said high oleic sunflower oil containing at least 80% of oleic acid on the total of fatty acids, so as to obtain a 0.5: 10 ratio between said turmeric powder and said high oleic sunflower oil; subjecting said turmeric powder and said high oleic sunflower oil to stirring, so as to obtain a mixture comprising said turmeric powder and said high oleic sunflower oil; filtering said mixture, so as to remove said turmeric powder and obtain said turmeric oil solution. A turmeric oil solution for food use comprises a high oleic sunflower oil, said high oleic sunflower oil containing at least 80% of oleic acid on the total of fatty acids, and a total predetermined amount of curcuminoids active principles. Said oil solution is provided with a resistance to the forced oxidation that is at least 10% higher than the resistance to the forced oxidation of a high oleic sunflower oil as sampled, said resistance to the forced oxidation being measured in hours and determined through evaluation of the oxidative stability index (OSI) at 110°C.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2019123135A1

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