

Title (en)
REACTOR FOR DEGUMMING

Title (de)
REAKTOR ZUM ENTSCHEIMEN

Title (fr)
RÉACTEUR DE DÉMUCILAGINATION

Publication
EP 3233720 B1 20191127 (EN)

Application
EP 14908536 A 20141215

Priority
US 2014070302 W 20141215

Abstract (en)
[origin: WO2016099440A1] A reactor is used for degumming vegetable oil to increase yield and reduce phosphatides. The reactor includes an annular obstruction with multiple circumferential spacers that form ring gaps around a center body having a tapered surface. The circumferential spacers and ring gaps form decompression stages for explosively mixing the oil with degumming agents. Impurities are transferred to the degumming agents and further separation of the components can be carried out to produce a refined oil product.

IPC 8 full level
C11B 3/04 (2006.01); **C01B 3/02** (2006.01)

CPC (source: EP)
C11B 3/04 (2013.01)

Designated contracting state (EPC)
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DOCDB simple family (publication)
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