

Title (en)

ENZYMATIC DEGUMMING UTILIZING A MIXTURE OF PLA AND PLC PHOSPHOLIPASES

Title (de)

ENZYMATISCHE ENTSCHEIMUNG UNTER VERWENDUNG EINER MISCHUNG AUS PHOSPHOLIPASE, PLA UND PLC

Title (fr)

DÉGOMMAGE ENZYMATIQUE UTILISANT UN MÉLANGE DE PHOSPHOLIPASES PLA ET PLC

Publication

**EP 2118248 B1 20140827 (EN)**

Application

**EP 08728362 A 20080128**

Priority

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- US 85333907 A 20070911

Abstract (en)

[origin: WO2008094847A1] A method for degumming an oil composition comprises the steps of (a) providing an oil composition containing a quantity of phospholipids, (b) contacting said oil composition simultaneously with one or more phospholipase A enzymes and one or more phospholipase C enzymes, under conditions sufficient for the enzymes to react with the phospholipids to create phospholipid reaction products, and (c) separating the phospholipids reaction products from the oil composition, the remaining oil composition after the separation being a degummed oil composition, whereby during step (b) the reaction of said one or more phospholipase A enzymes proceeds at a faster rate than it would in the absence of said one or more phospholipase C enzymes. In a preferred embodiment the reaction of step (b) continues for a duration of less than about one hour.

IPC 8 full level

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