

Title (en)

PRODUCTION OF BIODIESEL FROM BALANITES AEGYPTIACA

Title (de)

PRODUKTION VON BIODIESEL AUS BALANITES AEGYPTIACA

Title (fr)

PRODUCTION DE BIODIESEL A PARTIR DE BALANITES AEGYPTIACA

Publication

EP 1885823 A2 20080213 (EN)

Application

EP 06756177 A 20060525

Priority

- IL 2006000622 W 20060525
- US 68451605 P 20050526

Abstract (en)

[origin: WO2006126206A2] The invention provides methods for production of biodiesel from Balanites aegyptiaca oil or crushed nuts, and further relates to the biodiesel obtained. The Balanites aegyptiaca biodiesel obtained has a composition of triglycerides of mainly C16:0 and C18:0 saturated and unsaturated fatty acids, with a very high content of linoleic acid and of oleic acid, and it further contains Balanites saponins, acting as surfactants, which reduce the rate of corrosion and improve the performance of the engine.

IPC 8 full level

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Citation (search report)

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