

1. Record Nr.	UNINA9910477145003321
Titolo	Lebenswirklichkeiten und politische Konstruktionen in Grenzregionen : das Beispiel der Grossregion SaarLorLux : Wirtschaft, Politik, Alltag, Kultur / / Christian Wille (Hg.)
Pubbl/distr/stampa	Bielefeld : , : Transcript Verlag, , [2015] ©2015
Descrizione fisica	1 online resource (xvi, 329 pages) : illustrations, maps
Collana	Kultur und soziale Praxis
Disciplina	325.4
Soggetti	Labor market - Europe Europe Emigration and immigration
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	Wie entstehen grenzüberschreitende Regionen und was charakterisiert sie? Am Beispiel der Großregion SaarLorLux untersuchen die aus Deutschland, Frankreich und Luxemburg stammenden Beiträger dieses Bandes die gesellschaftliche Praxis an EU-Binnengrenzen. Sie diskutieren die Praktiken von institutionellen Akteuren und von Grenzraumbewohnern in den Bereichen Wirtschaft, Arbeitsmarkt, politische Kooperation sowie Alltag, Medien und Kultur. Die sozial- und kulturwissenschaftlichen Beiträge situieren die Großregion SaarLorLux zwischen grenzüberschreitenden Lebenswirklichkeiten und politischen Konstruktionen.

2. Record Nr.	UNINA9910955984403321
Autore	Marchetti Jorge Mario
Titolo	Biodiesel production technologies / / Jorge Mario Marchetti
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2010
ISBN	1-61728-790-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (178 p.)
Collana	Energy science, engineering and technology
Disciplina	662/.669
Soggetti	Biodiesel fuels
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- BIODIESEL PRODUCTION TECHNOLOGIES -- BIODIESEL PRODUCTION TECHNOLOGIES -- LIBRARY OF CONGRESS CATALOGING-IN-PUBLICATION DATA -- CONTENTS -- PREFACE -- Chapter 1 GENERAL FUEL SITUATION -- 1. GENERAL WORLD OIL SITUATION -- 2. CURRENT BIOFUEL WORLD SITUATION -- 3. BIODIESEL STANDARD -- REFERENCES -- Chapter 2 GENERAL BACKGROUND ABOUT BIODIESEL -- 1. INTRODUCTION -- 1.1. Advantages -- 1.2. Disadvantages -- 2. GENERAL CONSIDERATIONS OF THE BIODIESEL PRODUCTION PROCESS -- REFERENCES -- Chapter 3 ALTERNATIVE FEEDSTOCKS -- 1. INTRODUCTION -- 2. TYPES OF RAW VEGETABLE OIL -- 3. NEWEST RAW MATERIAL -- 4. BIODIESEL PROPERTIES FROM DIFFERENT VEGETABLE OILS -- REFERENCES -- Chapter 4 HOMOGENEOUS BASE TECHNOLOGY -- 1. INTRODUCTION -- 2. TRANSESTERIFICATION REACTION -- 3. KINETICS -- 4. ECONOMIC STUDY -- REFERENCES -- Chapter 5 HOMOGENEOUS ACID TECHNOLOGY -- 1. INTRODUCTION -- 2. ESTERIFICATION REACTION -- 3 TRANSESTERIFICATION REACTION -- 4. KINETICS -- 4.1. Kinetic Model for the Esterification Reaction -- 4.2. Kinetic Model for Both Reactions Simultaneously -- 4.3. More Complex Mechanism -- 5. ECONOMIC STUDY -- REFERENCES -- Chapter 6 HETEROGENEOUS CATALYSIS -- 1. INTRODUCTION -- 2. ESTERIFICATION REACTION -- 3. TRANSESTERIFICATION REACTION -- 4. KINETICS -- 4.1. Esterification Kinetics -- 4.2. Transesterification Kinetics -- 5. ECONOMIC STUDY -- REFERENCES -- Chapter 7 ENZYMATIC CATALYSIS -- 1. INTRODUCTION -- 2. ESTERIFICATION REACTION -- 3. TRANSESTERIFICATION REACTION -- 4.

TRANSESTERIFICATION KINETICS -- 5. ECONOMICS -- REFERENCES --
Chapter 8 SUPERCRITICAL TECHNOLOGY -- 1. INTRODUCTION -- 2.
ESTERIFICATION REACTION -- 3. TRANSESTERIFICATION REACTION --
4. KINETICS MODEL FOR THE TRANSESTERIFICATION REACTION -- 5.
ECONOMIC STUDY FOR SUPERCRITICAL TECHNOLOGY -- REFERENCES
-- Chapter 9 OTHERS POSSIBLE TECHNOLOGIES.
1. INTRODUCTION -- REFERENCES -- Chapter 10 GENERAL
CONCLUSIONS -- 1. CONCLUSIONS -- REFERENCES -- INDEX.

Sommario/riassunto

Biodiesel production is a very modern and technological area that is winning relevance and market due to its benefits, such as that it is biodegradable, a renewable and alternative source of fuel with less pollutants and less particle pollution. Different studies have been carried out using various oils as raw material, different alcohol as well as different catalysts, homogeneous ones such as sodium hydroxide, potassium hydroxide, sulphuric acid and supercritical fluids, and heterogeneous ones such as solid resins and enzymes as well as new technologies that are being developed every day. This book discusses the global energy situation in regard to the biodiesel industry, as well as a specific focus on operational conditions, kinetics model and economic comparison in order to see if they could be used as profitable alternatives.
