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Titolo	Power from pellets : technology and applications // Stefan Doring ; translator, Horst von Renouard
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ISBN	3-642-19962-3
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (225 p.)
Altri autori (Persone)	RenouardHorst von
Disciplina	662.65
Soggetti	Biomass energy Biomass energy - Economic aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Translation of German edition "Pellets als Energietrager."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Biomasses for Pellet Production -- Combustion Characteristics -- Legal Requirements for Using Wood Pellets for Providing Heat -- Fuel Quality Requirements -- Wood Pellet Production -- Using Wood Pellets as an Energy Source -- Protection against Fire and Explosions -- Profitability of Pellet Boilers -- Research and Development.
Sommario/riassunto	This book provides a practical description of the technology of pellet production on the basis of renewable sources as well as the utilization of pellets. The author explains what kinds of biomass are usable in addition to wood, how to produce pellets and how to use pellets to produce energy. Starting with the basics of combustion, gasification and the pelletizing process, several different technologies are described. The design, planning, construction and economic efficiency are discussed as well. The appendix gives useful advice about plant concepts, calculations, addresses, conversion tables and formulas.