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Autore	Ebnesajjad Sina
Titolo	Concise handbook of fluorocarbon gases : applications in refrigeration and other industries / / Sina Ebnesajjad
Pubbl/distr/stampa	Hoboken, New Jersey ; ; Beverly, Massachusetts : , : Wiley : , : Scrivener Publishing, , [2021] ©2021
ISBN	1-5231-4328-2 1-119-32325-8 1-119-32322-3 1-119-32321-5
Descrizione fisica	1 online resource (448 pages)
Disciplina	621.564
Soggetti	Fluorohydrocarbons - Industrial applications
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Sommario/riassunto	"This book describes fluorocarbons gases' preparation process, properties, applications and their evolution over time. The impact of fluorocarbons on the ozone layer and global and the development to mitigate those effects have been specially emphasized. The first major industrial fluorinated compound was developed in the 1920's, to replace ammonia and sulfur dioxide refrigerants, at the General Motors Frigidaire Division by Thomas Midgley, Jr. and Albert Leon Henne. They developed a family of fluorocarbons trademarked Freon® for auto air conditioning units revolutionizing the auto industry. Other applications were developed over time including fire extinguishers, propellants, blowing agents, cleaners, anesthesia, artificial blood and others impacting every facet of life. In spite of being in broad global use for nearly a century, fluorocarbon gases have gone through great evolution during the last few decades. In the 1980s it was discovered chlorofluorocarbon (CFC) gases are harmful to the ozone layer, mainly because of their chlorine content. Chlorine was released in the upper atmosphere when chlorofluorocarbon molecules were broken down by

the high energy cosmic radiation. CFCs were progressively banned following the Montreal Protocol of 1987. CFCs were replaced by fluorinated gases containing either less chlorine (hydrofluoro-chlorocarbons, or HCFCs), which are much less damaging (about 90% less) to the ozone layer or with fluorinated gases containing no chlorine, i.e. hydrofluorocarbons or HFCs. HFC have no impact on the ozone layer but impact global warming detrimentally. HFCs are usable without need for changes to the existing refrigeration or air conditioning installations. More recently hydrofluoroolefins (HFOs), which have little or no negative impact on global warming, have been developed to replace or reduce the use of HFCs. HFOs are used as single compounds or in blends. Research and development continues to develop and replace the HCFCs and HFCs completely with environmentally friendly products. Concise Handbook of Fluorocarbon Gases presents a reference and text for the commercial fluorocarbon gases which have great many application in a wide range of industries such as refrigeration and air conditioning, as well as consumer products"--

2. Record Nr.	UNINA9910261119703321
Autore	Erker Paul
Titolo	Deutsche Unternehmer zwischen Kriegswirtschaft und Wiederaufbau : Studien zur Erfahrungsbildung von Industrie-Eliten / / Toni Pierenkemper, Paul Erker
Pubbl/distr/stampa	De Gruyter, 1999 Berlin ; ; Boston : , : Oldenbourg Wissenschaftsverlag, , [2009] ©1999
ISBN	1-306-78025-X
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Descrizione fisica	1 online resource (338 p.)
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Note generali	Description based upon print version of record.

Nota di bibliografia

Includes bibliographical references.

Nota di contenuto

Front Matter -- Einleitung: Industrie-Eliten im 20. Jahrhundert* -- Heinrich Nordhoff: Ein deutscher Manager in der Automobilindustrie* -- Hans-Günther Sohl: Funktionale Effizienz und autoritäre Harmonie in der Eisen- und Stahlindustrie -- Hans Constantin Paulssen: Sozialpartnerschaft aus dem Geiste der Kriegskameradschaft* -- Otto A. Friedrich: Politischer Unternehmer aus der Gummiindustrie und das Amerikanische Modell -- Ernst Heinkel: Die Luftfahrtindustrie im Spannungsfeld von technologischem Wandel und politischem Umbruch -- Heinrich Kost: Rationalisierung und Sozialbeziehungen im Bergbau -- Back Matter

Sommario/riassunto

Die Rolle der Unternehmer zwischen NS- und ""Wirtschaftswunder""-Zeit ist ein zentrales Thema der Zeitgeschichte, das bislang wenig erforscht wurde. Der vorliegende Sammelband behandelt diese Problematik anhand von sechs Studien über die Unternehmer Heinrich Nordhoff (VW-Manager), Hans-Günther Sohl (Stahlindustrieller), Hans Constantin Paulssen (Aluminiumunternehmer), Otto A. Friedrich (Gummiunternehmer), Ernst Heinkel (Flugzeugindustrieller) sowie Heinrich Kost (Bergbaumanager). Im Mittelpunkt stehen die Kontinuitäten und Diskontinuitäten von Unternehmermentalitäten im Zeitraum von 1942 bis 1