

Nikolaus August Otto Encyclopedia Article

Nikolaus August Otto

The following sections of this BookRags Literature Study Guide is offprint from Gale's For Students Series: Presenting Analysis, Context, and Criticism on Commonly Studied Works: Introduction, Author Biography, Plot Summary, Characters, Themes, Style, Historical Context, Critical Overview, Criticism and Critical Essays, Media Adaptations, Topics for Further Study, Compare & Contrast, What Do I Read Next?, For Further Study, and Sources.

(c)1998-2002; (c)2002 by Gale. Gale is an imprint of The Gale Group, Inc., a division of Thomson Learning, Inc. Gale and Design and Thomson Learning are trademarks used herein under license.

The following sections, if they exist, are offprint from Beacham's Encyclopedia of Popular Fiction: "Social Concerns", "Thematic Overview", "Techniques", "Literary Precedents", "Key Questions", "Related Titles", "Adaptations", "Related Web Sites". (c)1994-2005, by Walton Beacham.

The following sections, if they exist, are offprint from Beacham's Guide to Literature for Young Adults: "About the Author", "Overview", "Setting", "Literary Qualities", "Social Sensitivity", "Topics for Discussion", "Ideas for Reports and Papers". (c)1994-2005, by Walton Beacham.

All other sections in this Literature Study Guide are owned and copyrighted by BookRags, Inc.



Contents

Nikolaus August Otto Encyclopedia Article.....	1
Contents.....	2
Nikolaus August Otto.....	3

Nikolaus August Otto

1832-1891

German engineer who built the first four-stroke internal combustion engine. The principle of a four-stroke engine (intake, compression, combustion/power, exhaust) had been patented by the Alphonse Beau de Rochas several years earlier, but Otto's engine was the first to be constructed. The four-stroke engine ran more efficiently than previous types and helped make internal combustion engines lighter in weight and more powerful. This type of engine is still known as the Otto cycle.