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# LAMPBLACK

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# Lampblack

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E. H. McClelland,  
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**Oppler, T.**

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**Thompson, Lewis.**

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Ueber die gewinnung von lampenschwarz aus natürlichen kohlenwasserstoffen. 1878. (In Dingler's polytechnisches journal, v.231, p.177-178.)

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Lampblack is covered by Class 90.

**Lampblack, Ltd.**

An improved process and apparatus for the manufacture of lamp-black. (British patent 17,223 of 1912.)

By incomplete combustion of oil fuel.

**Machtolf, Josef.**

Carbon; hydrogen. (British patent 13,865 of 1909.)

Amorphous carbon, or lamp-black, and hydrogen are obtained by gasifying and exploding liquid hydrocarbons in the same cylinder.

**Pictet, R. P.**

Carbon; hydrogen; printing-ink. (British patent 24,256 of 1910.)

Carbon and hydrogen are obtained from acetylene, or a mixture of acetylene with hydrocarbon.

## German Patents

**Bosch, Karl.**

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**Gebr. Siemens und Co.**

Production of lampblack, 1914. (German patent 295,517.)

A short note in Journal of the Society of Chemical Industry, v.36, pt. 1, p.296.

**Gollmert, Max.**

Verfahren zur herstellung von fein-verteiltem amorphem oder kristallinischem kohlenstoff. 1909. (German patent 212,202.)



**Machtolf, Josef.**

Verfahren zur herstellung von russ mit besonders wertvollen eigenschaften. 1908. (German patent 194,939.)

Made by preheating and subjecting to a variable pressure.

**Machtolf, Josef, und andere.**

Vorrichtung zur herstellung von amorphem kohlenstoff spaltung von kohlenwasserstoffen infolge entzündung der letzteren. 1909. (German patent 207,520.)

**Machtolf, Josef.**

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**Meiser, Franz.**

Vorrichtung zur herstellung von ölfreiem russ. 1909. (German patent 203,711.)

**Rütgerswerke.**

Verfahren zur verbesserung der russausbeute aus steinkohlenteer, steinkohlenteerpech und ähnlichen stoffen. 1909. (German patent 208,600.)

By extracting the soluble constituents with a suitable solvent, driving off the solvent and burning to lampblack.

**Thieme, B.**

Production of lampblack from hydrocarbon. 1914. (German patent 297,266.)

A short paragraph in Journal of the Society of Chemical Industry, v.36, pt. 2, p.894.

Consult also the following classes of German patents:

Class 12i, Group 32. "Carbon."

Class 22f, Group 14. "Lampblack," which contains the following patents:

4,301	50,605	109,826	138,940	194,301	203,711
9,426	51,896	114,220	141,884	194,939	207,520
13,691	74,270	119,830	148,258	195,292	208,600
29,261	92,801	127,467	157,542	198,646	212,345
40,909	103,862	132,836	179,179	201,262	223,070
44,871	105,633	133,270	182,572	202,118	223,416

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**Averill, Charles C.**

Process of making lampblack and hydrochloric acid. 1917. (United States patent 1,238,734.)

**Brownlee, Roy H. & Uhlinger, Roy H.**

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Consists of decomposing a suitable hydrocarbon by bringing it in contact with highly heated refractory material in a vacuum.

**Cabot, Godfrey L.**

Apparatus for the manufacture of lamp-black. 1892. (United States patent 468,510.)

*The same*, 1893. (United States patent 491,923.)

Manufacture of lampblack from natural gas.

**Fernekes, Gustave.**

Method of producing carbon or lampblack. 1913. (United States patent 1,066,894.)

Producing lampblack from methane.

**Gerard, J. M.**

Lampblack. 1918. (United States patent 1,278,137.)

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**Lewis, G. C.**

Compacting lampblack or carbon black. 1918. (United States patent 1,263,082.)

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**McTighe, James J.**

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By decomposition of hydrocarbon vapors.

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Manufacturing carbon-black. 1886. (United States patent 346,169.)

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**Mott, W. R.**

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**Smith, James E.**

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Peat is heated under pressure with steam in an air-tight container. Volatile matter is expelled and the residue pulverized.

**Snelling, Walter O.**

Process and apparatus for making carbon-black. 1917. (United States patent 1,213,915.)

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### \*Classified Catalogue of the Carnegie Library of Pittsburgh.

FIRST SERIES, 1895-1902. 1907. vol. 1-3. 3,890 pp. \$12.00.

SECOND SERIES, 1902-1906. 1908. vol. 4-5. 2,020 pp. \$5.00.

THIRD SERIES, 1907-1911. 1914. vol. 6-8. 3,475 pp. \$8.00.

Bound in buckram with gilt tops. Include full author and subject indexes.

*The same* [in pamphlet form].

FIRST SERIES, 1895-1902. 10 parts. 1903-07.

Part 1. General Works. 1907. 67 pp. 10 cents, postpaid.

Part 2. Philosophy and Religion. 1903. 223 pp. Out of print.

Part 3. Sociology and Philology. 1904. 340 pp. 15 cents; postpaid, 25 cents.

Part 4. Natural Science and Useful Arts. 1904. 598 pp. 35 cents; postpaid, 50 cents.

Part 5. Fine Arts. 1905. 351 pp. 15 cents; postpaid, 25 cents.

Part 6. Literature. 1905. 308 pp. 15 cents; postpaid, 25 cents.

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Part 8. History and Travel. 1907. 691 pp. 50 cents; postpaid, 65 cents.

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- \*Technical Book Review Index, v.1-date, March 1917-date.** 50 cents a year, postpaid.  
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*April 1, 1919.*



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