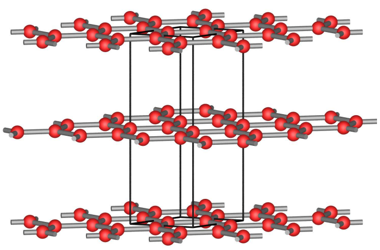
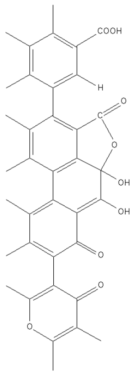
5. Schwarzpigmente

5.2. Kohlenstoffschwarz (Carbon Black)

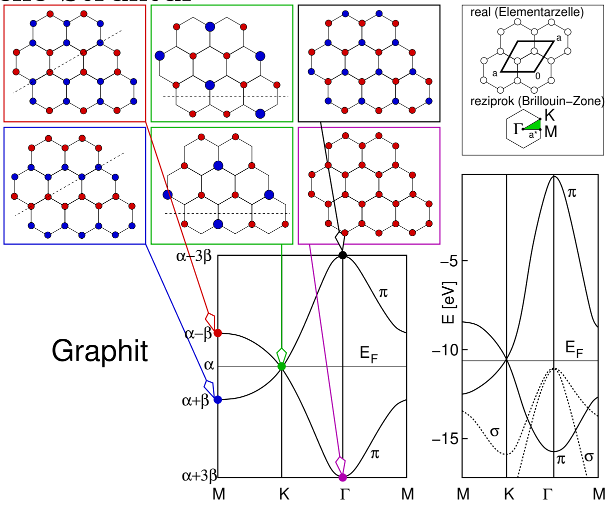
5.2.1. Geometrische und elektronische Struktur



Idealstruktur von Graphit

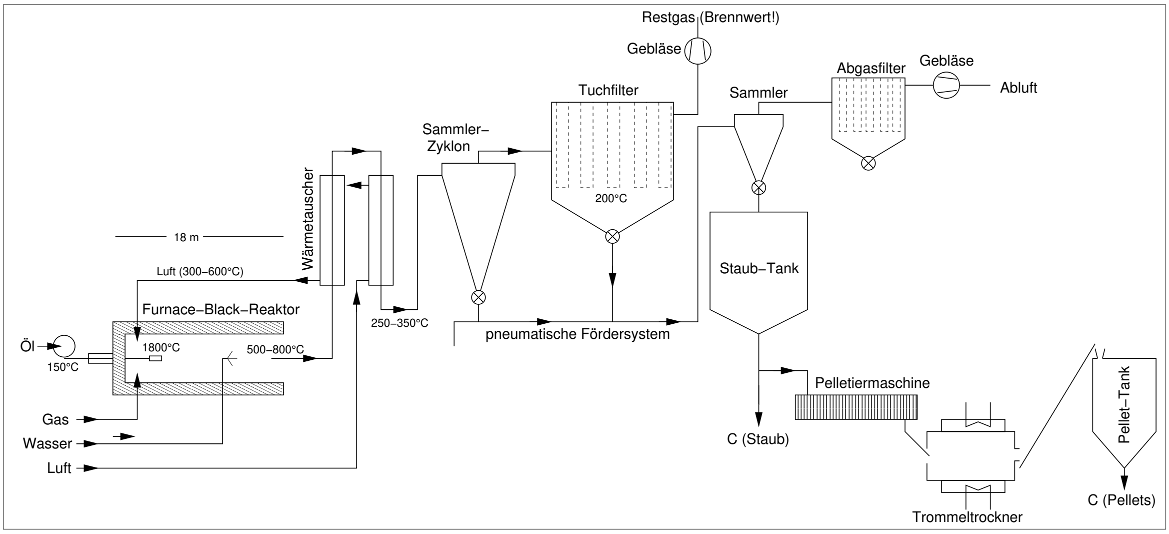


Schicht-terminierung

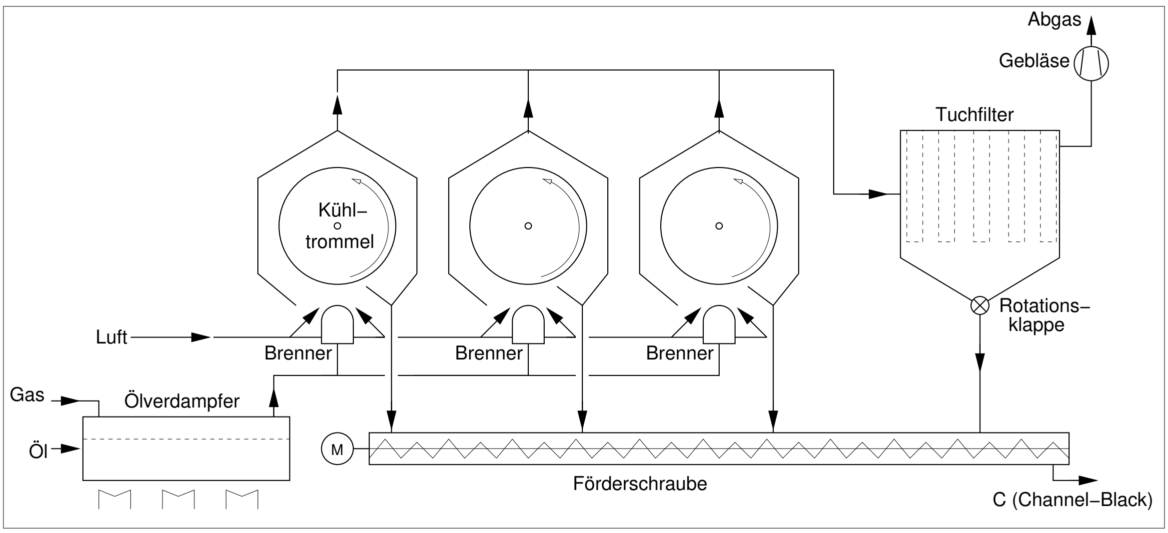


Bandstruktur von Graphit

5.2.2. Herstellung



Furnace-Ruß-Verfahren



Channelblack-Verfahren (Degussa)