



Alternating Currents of Electricity; Their Generation, Measurement, Distribution, and Application

By Gisbert Kapp

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1893 Excerpt: .with side wings for ventilation. The attachment of each pair of cheeks to the supporting ring is by means of a shank passing through insulating washers into a cavity in the ring, and secured by a nut. The cavity is cast out with sulphur. To avoid too great a loss by eddy currents the conductor is made very thin; the winding is split up into two, four, or more parallel circuits. I may here incidentally mention that where an armature winding is thus split up, great care must be taken to have all the magnets of equal strength, as otherwise there would be created with the armature differential currents, which would waste far more power than the eddy currents, which the arrangement was intended to avoid. The Ferranti machines now working at Deptford are giving an electromotive force of 10,000 volts, and to prevent flashing over...



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