formed by the electrode slurry on the negative and positive electrode sheets from peeling off and hence from failures of the battery.

BRIEF DESCRIPTION OF THE DRAWINGS

[0016] FIG. 1 is a side view of a laminated body before winding of an electric cell 100 according to an embodiment of the present invention;

[0017] FIG. 2(a) to FIG 2(f) is an X-ray computed tomography of cross sections taken along different section lines I-I of an electric cell according to an embodiment of the present invention;

[0018] FIG. 3(a) to FIG 3(f) is an X-ray computed tomography of cross sections taken along different section lines I-I of an electric cell of a comparison example;

[0019] FIG. 4 shows analysis results of values of central temperatures of individual electric cells, wherein (a) the predetermined length D in the electric cell is 16 mm; (b) the predetermined length D in the electric cell is 25 mm; and (c) the predetermined length D in the electric cell is 35 mm; and

[0020] FIG. 5 is a schematic diagram of a battery of the present invention.

DETAILED DESCRIPTION OF THE EMBODIMENTS

[0021] The present invention provides an electric cell, which is a winding formed by winding a laminated body. The laminated body includes: a positive electrode sheet, which is a positive electrode substrate having a positive electrode upper surface and a positive electrode lower surface opposite to the positive electrode upper surface, wherein at least one of the positive electrode upper surface and the positive electrode lower surface has a positive electrode coating; a negative