ii) baking (6) the electrode material; and

iii) finishing (7) the electrode material for use in the lithium battery cell.

7. The method as claimed in claim 4, wherein the binder (B) is a polyvinylidene fluoride.

8. The method as claimed in claim 4, wherein the organic carbonate (C) is selected from the group comprising ethylene carbonate, diethyl carbonate and dimethyl carbonate.

9. A method for manufacturing of a lithium ion battery cell, wherein the method comprises steps of:

a) manufacturing of electrodes by the method as claimed in claim 4, wherein the electrodes are anode and cathode,

b) arranging the cathode and the anode in layers with lithium ion permeable membranes in between,

c) arranging the cathode, the anode and the permeable membrane in a house with openings, and

d) filling an electrolyte into the house, wherein the electrolyte comprises lithium containing salts and the organic carbonate (C).

10. A slurry comprising active material (A), binder (B) and organic carbonate (C) obtained by method as claimed in claim 1.

~~11. An electrode(s) for a lithium battery cell, obtained by the method as claimed in claim 4.~~

~~12.~~11. A lithium ion battery cell obtained by the method as claimed in claim 9.