

ABSTRACT

METHOD FOR MANUFACTURING A LITHIUM-ION BATTERY

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According to this method:

- a stack (I) is made comprising, in top view, x rows as well as y line(s), so as to form a number (x*y) of batteries, this stack being formed by an alternating succession of strata (SA, SC) respectively cathode (SC) and anode (SA) strata,
- 10 - each stratum (SA, SC) comprising a plurality of respectively anode (111') and cathode (141') primary preforms, a plurality of respectively anode (112') and cathode (142') secondary preforms, these preforms allowing forming the primary and secondary bodies of the batteries, as well as zones called empty zones (80'', 70'') between these primary and secondary bodies;
- 15 - a pair of main cuts (DYn, DY'n) are made between two adjacent empty zones (80'', 70''), in top view, so as to expose the anode connection zone (1002) and the cathode connection zone (1006 of each battery), and to separate a given battery, formed from a given row, from at least one other adjacent battery, formed from at least one adjacent row.

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Figure 11