

ABSTRACT**BATTERY-TYPE ELECTROCHEMICAL DEVICE COMPRISING IMPROVED SEALING
MEANS AND METHOD FOR MANUFACTURING SAME**

This electrochemical device, of the battery type, comprises a so-called unit stack (2) formed
5 by at least one unit cell, an electrical connection support (5), made at least in part of a
conductive material, provided near a first frontal face (12) of said unit stack, electrical
insulation means (53, 54), enabling two distant regions (56, 57) of said electrical connection
support (5) to be insulated from one another, anode contact means (30) enabling a first
lateral face (23) of said unit stack to be electrically connected to the electrical connection
10 support (5), cathode contact means (40) enabling a second lateral face (24) of said unit
stack, opposite said first lateral face, to be electrically connected to said electrical
connection support (5), an encapsulation system (7) covering the other frontal face (11) of
said unit stack, the anode contact means, the cathode contact means, and at least in part
the face (51) of said electrical connection support (5) that is facing said unit stack, a
15 mechanical stiffening system (8), covering the encapsulation system opposite the electrical
connection support (5).

Fig. 1.