

ABSTRACT**METHOD FOR MANUFACTURING AN ASSEMBLY CONSISTING OF A
SEPARATOR AND POROUS ELECTRODE, AN ASSEMBLY CONSISTING
OF A SEPARATOR AND POROUS ELECTRODE, AND
ELECTROCHEMICAL DEVICE CONTAINING SUCH AN ASSEMBLY**

The invention relates to a method for manufacturing an electrochemical device selected from the group consisting of: lithium ion batteries with a capacity greater than 1 mAh, capacitors, supercapacitors, resistors, inductors, transistors, photovoltaic cells, fuel cells, implementing a method for manufacturing an assembly consisting of a porous electrode and a porous separator comprising a porous layer deposited on a substrate having a porosity comprised between 20% and 60% by volume, and pores with an average diameter of less than 50 nm.

No Figure