

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

The invention relates to a method for manufacturing a lithium-ion microbattery having a capacity not exceeding 1 mAh, 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, and wherein said separator comprising a porous inorganic layer deposited on said electrode, said inorganic layer having a porosity comprised between 20% and 60% by volume, and pores with an average diameter of less than 50 nm.

No figure