

The proposed lead-acid accumulator battery contains a casing closed by a cover in the upper part and divided into cells for accumulator elements. The accumulator elements are electrically connected in series by connecting jumpers. Each accumulator element contains positive and negative electrodes separated by separators and inserted into electrolyte. Each of the electrodes contains a current lead and an active element. The current leads of the positive electrodes are made of alloy based on lead, tin, and calcium, with addition of silver. The active element of each positive and negative electrode is coated with fixing layer of porous acid-proof material.