

Abstract

**Alkaline accumulator, sealed in a gas-tight manner,
in the form of a button cell**

In a gas-tight NiCd or NiH accumulator of the button cell type, at least the positive electrode polarity is represented by a pasted electrode having a porous support matrix of a metal foam or metal felt (foam or felt electrode) instead of the usual compacted-powder pellet. In particular, the three-dimensional foam structure having a porosity of approximately 95% favours a very high volume capacity of from 500 to 700 mAh/cm³ of electrode and behaves in a mechanically stable manner with respect to the volume changes of the nickel hydroxide in cyclic operation.

This Sheet Has Been Replaced



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