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Terminal Attached Electrode Foil and Device and Method for Producing the Terminal Attached Electrode Foil

Abstract

A terminal attached electrode foil of electrically excellent conductive property may be produced by way of one point piercing process, wherein an electrode metal foil is fixedly connected to a tab of a lead attached terminal in contact with each other with an effect for reducing the electric conductive resistance in the electrode foil of about 1 mm width. More precisely, the tab 14b of the lead attached terminal 14 is superposed on a hole 13a formed at the electrode foil 13, and then a piercing needle 12 is moved down from the upper side of the tab 14b to pierce through the tab and the hole of the electrode foil for the purpose of forming the fins 13c of the tab 14b at the under side of the electrode foil 13, the fins 13c of the tab 14b being subsequently processed to be directly in contact with the lower side of the electrode foil.

Fig. 1



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