

ABSTRACT

SUPERCONDUCTING ELEMENT FOR SUPERCONDUCTING CURRENT LIMITER, METHOD FOR MANUFACTURING SUPERCONDUCTING ELEMENT FOR SUPERCONDUCTING CURRENT LIMITER, AND SUPERCONDUCTING CURRENT LIMITER

A superconducting element for a superconducting fault current limiter, including a substrate 32, an intermediate layer 34 that is formed on the substrate 32, a superconducting layer 36 that is formed on the intermediate layer 34, an electrode 44 that is connected to the superconducting layer 36, and a metal fine particle sintered layer 40 that is interposed between the superconducting layer 36 and the electrode 44 and connects the superconducting layer 36 and the electrode 44.

Fig. 2