

Title (en)
ELECTRODE FOR ELECTROCHEMICAL PROCESSES

Publication
EP 0224851 B1 19891018 (DE)

Application
EP 86116354 A 19861125

Priority
DE 3541845 A 19851127

Abstract (en)
[origin: EP0224851A1] 1. A tubular electrode for electrolytic processes, in particular an anode for galvanic processes or cathodic anticorrosive protection, comprising a conductor of a material of good electrical conductivity, which is ensheathed by a tubular valve metal element which is connected to the conductor in an electrically conductive manner and whose surface facing away from the conductor is provided with a coating of electrocatalytic material, characterized in that the electrically conductive connection between the conductor (1) and the valve metal element (2) is established via at least two composite elements (4) arranged with mutual spacing, each composite element (4) comprising a portion (5) of valve metal and a portion (6) of copper, aluminium or an alloy based on one of these metals and that the valve metal portion (5) with the valve metal element (2) and the portion (6) of copper, aluminium or the alloy, annularly surround the conductor (1) and are connected to the conductor in an electrically conductive and mechanically secure manner.

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C23F 13/00; **C25B 11/10**; **C25D 17/12**

IPC 8 full level
C23F 13/00 (2006.01); **C23F 13/02** (2006.01); **C25B 11/02** (2006.01); **C25B 11/10** (2006.01); **C25D 17/12** (2006.01)

CPC (source: EP)
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Cited by
GB2351739A; GB2351739B; US6884092B2; US6998031B1; WO0102626A1

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