

Title (en)
ORGANIC ELECTROLYSIS CELL WITH A CONSUMABLE ELECTRODE

Publication
EP 0219367 B1 19900711 (FR)

Application
EP 86401895 A 19860829

Priority
FR 8513188 A 19850905

Abstract (en)
[origin: US4686018A] The present invention relates to a cell for the organic electrosynthesis of organic or organometallic compounds, containing two electrodes (2) and (4) of which only one (4) is sacrificed by the electrochemical reaction of which it forms the seat. The sacrificial electrode (4) consists of at least one solid metal block and is applied under the influence of its own weight against the other electrode (2) from which it is separated by an electrical insulating material (5) which allows the passage of the electrolytic solution (6) and of which the shape and the dimensions enable the active substances of the two electrodes (2) and (4) to remain parallel. The active surface of the electrode (2) has a constant inclination relative to a direction D (9) forming an angle less than 45 degrees with the vertical on the one hand, and an inclination less than 45 degrees relative to the vertical on the other. Any straight line in direction D (9) passing through any point on the electrode (4) passes through the active surface of the electrode (2).

IPC 1-7
C25B 3/00; **C25B 9/00**; **C25B 11/02**

IPC 8 full level
C25B 3/25 (2021.01); **C25B 9/19** (2021.01)

CPC (source: EP US)
C25B 3/00 (2013.01 - EP US); **C25B 9/30** (2021.01 - EP US); **C25B 11/02** (2013.01 - EP US)

Cited by
EP0283796A1; EP0370866A1; FR2639364A1; EP0697473A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
US 4686018 A 19870811; AT E54472 T1 19900715; DE 3672556 D1 19900816; EP 0219367 A1 19870422; EP 0219367 B1 19900711; FR 2586710 A1 19870306; FR 2586710 B1 19900330; JP H07122155 B2 19951225; JP S6256589 A 19870312

DOCDB simple family (application)
US 90402586 A 19860902; AT 86401895 T 19860829; DE 3672556 T 19860829; EP 86401895 A 19860829; FR 8513188 A 19850905; JP 20808986 A 19860905