

Title (en)
An electrolytic method for production of bleaching agent

Title (de)
Elektrolytverfahren zum Herstellen eines Bleichmittels

Title (fr)
Procédé électrolytique de production d'agent de blanchiment

Publication
EP 2765221 A1 20140813 (EN)

Application
EP 13154764 A 20130211

Priority
EP 13154764 A 20130211

Abstract (en)
Disclosed is a method for electrolytic production of sodium hypochlorite comprising the steps of contacting an aqueous solution of sodium chloride with an electrolytic cell comprising at least one pair of electrodes having a surface of a noble metal through which electrical current is passed, wherein polarity of the electrodes is cyclically reversed at a time interval of 3 to 60 seconds. The electrodes retain their initial high current efficiency for longer time leading to higher rate of production of sodium hypochlorite as compared to that achieved by using conventional dimensionally stable anodes.

IPC 8 full level
C25B 1/26 (2006.01)

CPC (source: EP)
C25B 1/26 (2013.01)

Citation (applicant)
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Citation (search report)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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