



Espacenet

KR20170000761A Electrolytic Copper Foil Current Collector Comprising The Same Electrode Comprising The Same Secondary Battery Comprising The Same and Method for Manufacturing The Same

Applicants: LS MTRON LTD [KR]

Inventors: KIM DAE YOUNG [KR], KIM SEUNG MIN [KR]

Classifications:

IPC **C25D1/04; H01M10/0525; H01M4/13; H01M4/66;**

CPC **C25D1/04 (EP,KR,US); C25D3/38 (EP); H01M10/052 (US); H01M10/0525 (CN,KR); H01M4/13 (KR); H01M4/134 (CN); H01M4/1395 (CN); H01M4/66 (US); H01M4/661 (EP,KR,US); H01M4/665 (US); H01M4/667 (EP,KR); H01M10/052 (EP); H01M4/386 (EP); Y02E60/10 (EP,KR,US); Y02P70/50 (US); Y02T10/70 (US);**

Priorities: KR20150090000A 2015-06-24

Application: KR20160051890A 2016-04-28

Publication: KR20170000761A 2017-01-03

Published as: **CN106489216A; CN106489216B; EP3316363A1; EP3316363A4; EP3316363B1; HUE059762T2; JP2018517253A; JP6619457B2; KR102158241B1; KR20170000761A; PL3316363T3; TW201700739A; TWI626321B; US10480090B2; US2018119301A1; WO2016208863A1**

Electrolytic Copper Foil Current Collector Comprising The Same Electrode Comprising The Same Secondary Battery Comprising The Same and Method for Manufacturing The Same

Abstract

Provided are an electrolytic copper foil capable of securing a secondary battery having a high capacitance maintenance rate, a current collector comprising the same, an electrode comprising the same, a secondary battery comprising the same, and a manufacturing method thereof. The electrolytic copper foil comprises a first surface and a second surface facing the first surface, wherein each of the first and second surfaces has a peak count roughness (R_{pc}) of 10 to 100.