

Title (en)  
CURRENT BUSBAR

Title (de)  
STROMSAMMELSCHIENE

Title (fr)  
BARRE OMNIBUS DE COURANT

Publication  
**EP 1853751 A1 20071114 (EN)**

Application  
**EP 05710952 A 20050216**

Priority  
• NO 2005000056 W 20050216  
• NO 20040762 A 20040220

Abstract (en)  
[origin: WO2005080641A1] Current busbar for anode or cathode for use in production of aluminium from alumina in an electrolysis bath in an electrolysis cell, comprising ends or sections that during operation shall be within the electrode body are formed as horizontally oriented conical bodies and cylindrical or conical grooves with largest horizontal cross section dimension within said grooves, such that by sliding in correspondingly formed cooper rails on the external parts of the busbar, said bodies and rails are releasable joined.

IPC 8 full level  
**C25C 3/16** (2006.01); **C25C 3/12** (2006.01)

IPC 8 main group level  
**C25C** (2006.01)

CPC (source: EP US)  
**C25C 3/16** (2013.01 - EP US)

Citation (search report)  
See references of WO 2005080641A1

Designated contracting state (EPC)  
DE IS

DOCDB simple family (publication)  
**WO 2005080641 A1 20050901**; AU 2005215562 A1 20050901; AU 2005215562 B2 20100527; CA 2586786 A1 20050901;  
DE 112005003212 T5 20080410; EP 1853751 A1 20071114; IS 8641 A 20070503; NO 20040762 D0 20040220; NO 20040762 L 20050822;  
NO 321709 B1 20060626; RU 2007121270 A 20081220; RU 2394116 C2 20100710; US 2009127126 A1 20090521; ZA 200703577 B 20080827

DOCDB simple family (application)  
**NO 2005000056 W 20050216**; AU 2005215562 A 20050216; CA 2586786 A 20050216; DE 112005003212 T 20050216;  
EP 05710952 A 20050216; IS 8641 A 20070503; NO 20040762 A 20040220; RU 2007121270 A 20050216; US 79142305 A 20050216;  
ZA 200703577 A 20050216