

Title (en)  
POROUS NICKEL THIN FILM AND MANUFACTURING METHOD THEREOF

Title (de)  
PORÖSE NICKELDÜNNSCICHT UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
FILM MINCE DE NICKEL POREUX ET SON PROCÉDÉ DE FABRICATION

Publication  
**EP 3296432 A4 20181219 (EN)**

Application  
**EP 16862129 A 20161102**

Priority  
• JP 2015218685 A 20151106  
• JP 2016082608 W 20161102

Abstract (en)  
[origin: EP3296432A1] Provided is a porous nickel thin film having a flexibility value of no more than 15.0 N/mm.

IPC 8 full level  
**C25D 1/08** (2006.01); **B01D 71/02** (2006.01); **C25D 1/00** (2006.01); **C25D 1/04** (2006.01); **C25D 3/12** (2006.01); **C25D 5/18** (2006.01)

CPC (source: EP US)  
**C25D 1/04** (2013.01 - EP US); **C25D 1/08** (2013.01 - EP US); **C25D 3/12** (2013.01 - EP US); **C25D 5/18** (2013.01 - EP US);  
**C25D 5/50** (2013.01 - EP US); **C25D 5/623** (2020.08 - EP US)

Citation (search report)  
• [I] US 2006127768 A1 20060615 - SHIOTA TOSHIAKI [JP], et al  
• [IP] WO 2016065560 A1 20160506 - LIN KECHUANG [CN], et al  
• See references of WO 2017078069A1

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

DOCDB simple family (publication)  
**EP 3296432 A1 20180321**; **EP 3296432 A4 20181219**; CN 107614756 A 20180119; JP 2017088940 A 20170525; JP 6319771 B2 20180509;  
TW 201718896 A 20170601; TW I617672 B 20180311; US 2018230615 A1 20180816; WO 2017078069 A1 20170511

DOCDB simple family (application)  
**EP 16862129 A 20161102**; CN 201680029173 A 20161102; JP 2015218685 A 20151106; JP 2016082608 W 20161102;  
TW 105135885 A 20161104; US 201615575236 A 20161102