

Title (en)  
**DAMPENING SYSTEM ROLLERS**

Title (de)  
**FEUCHTWERKWALZEN**

Title (fr)  
**CYLINDRES DE DISPOSITIF DE MOUILLAGE**

Publication  
**EP 2454099 A1 20120523 (DE)**

Application  
**EP 10735239 A 20100714**

Priority  

- EP 2010060147 W 20100714
- EP 09165365 A 20090714
- EP 10735239 A 20100714

Abstract (en)  
[origin: WO2011006932A1] Roll in a dampening system, particularly a dampening contact roll or dampening transfer roll or dampening ductor, comprising a core and an outer layer, wherein the outer layer is selected from the group consisting of hard anodized aluminum, chemical nickel and aluminum oxide, obtainable by plasmachemical anodic oxidation, and combinations thereof.

IPC 8 full level  
**B41N 7/04** (2006.01)

CPC (source: EP US)  
**B41N 7/04** (2013.01 - EP US); **B41N 2207/02** (2013.01 - EP US); **B41N 2207/10** (2013.01 - EP US)

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2011006932 A1 20110120**; AU 2010272520 A1 20120119; AU 2010272520 B2 20150312; BR 112012000949 A2 20160315;  
CA 2769305 A1 20110120; CN 102470685 A 20120523; DK 2454099 T3 20141215; EA 201200126 A1 20120629; EP 2454099 A1 20120523;  
EP 2454099 B1 20140910; ES 2523349 T3 20141125; JP 2012532778 A 20121220; JP 5695043 B2 20150401; PL 2454099 T3 20150331;  
PT 2454099 E 20141030; SG 177348 A1 20120228; SI 2454099 T1 20141231; UA 108855 C2 20150625; US 2012145021 A1 20120614

DOCDB simple family (application)

**EP 2010060147 W 20100714**; AU 2010272520 A 20100714; BR 112012000949 A 20100714; CA 2769305 A 20100714;  
CN 201080031356 A 20100714; DK 10735239 T 20100714; EA 201200126 A 20100714; EP 10735239 A 20100714; ES 10735239 T 20100714;  
JP 2012520027 A 20100714; PL 10735239 T 20100714; PT 10735239 T 20100714; SG 2011095890 A 20100714; SI 201030806 T 20100714;  
UA A201201441 A 20100714; US 201013384153 A 20100714