

Title (en)  
PRESS ROLL WITH A ROLL COVER CONSISTING OF POLYURETHANE

Title (de)  
PRESSWALZE MIT WALZENBEZUG AUS POLYURETHAN

Title (fr)  
ROULEAU PRESSEUR PRÉSENTANT UN REVÊTEMENT EN POLYURÉTHANE

Publication  
**EP 2841647 A1 20150304 (DE)**

Application  
**EP 13721295 A 20130424**

Priority  
• DE 102012207059 A 20120427  
• EP 2013058512 W 20130424

Abstract (en)  
[origin: WO2013160358A1] The invention relates to a roll for a pressing section of a machine for producing and/or refining a fibrous material web such as a paper, board or tissue machine, said roll comprising a roll body or roll shell as well as a roll cover that is arranged on said roll body or roll shell and has at least one functional layer which is suitable for being brought into contact with the fibrous material web or a paper machine clothing. Said functional layer consists of a polymer that is a mixture of at least one prepolymer, one curing agent, one crosslinking agent and one additive.

IPC 8 full level  
**D21F 3/08** (2006.01); **D21F 3/10** (2006.01)

CPC (source: CN EP US)  
**D21F 3/08** (2013.01 - CN EP US); **D21F 3/105** (2013.01 - CN EP US)

Citation (search report)  
See references of WO 2013160358A1

Cited by  
CN114514350A

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)  
**WO 2013160358 A1 20131031**; CN 104334796 A 20150204; CN 104334796 B 20170613; EP 2841647 A1 20150304; EP 2841647 B1 20171115; US 2015041093 A1 20150212; US 9267235 B2 20160223

DOCDB simple family (application)  
**EP 2013058512 W 20130424**; CN 201380022210 A 20130424; EP 13721295 A 20130424; US 201414524312 A 20141027