

Title (en)  
IMPROVED LINER HANGER SYSTEM

Title (de)  
VERBESSERTES ROHRAUFHÄNGERSYSTEM

Title (fr)  
SYSTÈME DE SUSPENSION DE COLONNE PERDUE AMÉLIORÉ

Publication  
**EP 2935760 A4 20161123 (EN)**

Application  
**EP 12890440 A 20121221**

Priority  
US 2012071171 W 20121221

Abstract (en)  
[origin: WO2014098885A1] An improved liner hanger system is disclosed. The improved liner hanger system comprises a liner hanger positioned within a casing. The liner hanger comprises a spiked portion having one or more spikes, wherein the spikes comprise a flat portion. At least one of the one or more spikes is expandable and the flat portion of each of the one or more spikes interfaces with the casing when the spike is in the expanded position. A liner is coupled to the liner hanger.

IPC 8 full level  
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CPC (source: CN EP)  
**E21B 23/04115** (2020.05 - EP); **E21B 43/106** (2013.01 - CN EP)

Citation (search report)

- [XII] US 2003047323 A1 20030313 - JACKSON STEPHEN L [US], et al
- [XII] US 2006124295 A1 20060615 - MAGUIRE PATRICK [US]
- [X] US 2003047320 A1 20030313 - BADRAK ROBERT P [US], et al
- See also references of WO 2014098885A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2014098885 A1 20140626**; AU 2012397228 A1 20150528; AU 2016269518 A1 20170105; AU 2016269518 B2 20180208; BR 112015012140 A2 20170711; BR 112015012140 B1 20210309; CA 2890607 A1 20140626; CA 2890607 C 20170801; CN 104797773 A 20150722; CN 104797773 B 20170725; EP 2935760 A1 20151028; EP 2935760 A4 20161123; EP 2935760 B1 20190619; IN 3851DEN2015 A 20151002; MX 2015006293 A 20151106; SG 11201504211V A 20150730

DOCDB simple family (application)  
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