

Title (en)  
LOCAL ELECTRIC POWER GENERATION FOR TONG CONTROL SYSTEM

Title (de)  
LOKALE STROMERZEUGUNG ZUR ZANGENSTEUERUNG

Title (fr)  
GÉNÉRATION D'ÉNERGIE ÉLECTRIQUE LOCALE POUR SYSTÈME DE COMMANDE DE PINCE

Publication  
**EP 3444426 A3 20190313 (EN)**

Application  
**EP 18173422 A 20180521**

Priority  
US 201715607049 A 20170526

Abstract (en)  
[origin: US2018340380A1] A method and apparatus for tong power and control. A tong includes a tong control system; and a local electric power generation system, wherein the tong control system is powered by the local electric power generation system. A method includes supplying hydraulic power to a motor on a tong; driving an electric generator on the tong with the motor; and supplying electric power to a tong control system on the tong. A method includes installing a tong control system on a tong; and installing a local electric power generation system on the tong, wherein the tong control system is powered by the local electric power generation system.

IPC 8 full level  
**E21B 19/16** (2006.01)

CPC (source: EP US)  
**E21B 19/164** (2013.01 - EP US); **E21B 19/165** (2013.01 - EP US); **E21B 17/042** (2013.01 - US)

Citation (search report)  
• [X] US 2017067303 A1 20170309 - THIEMANN BJOERN [DE], et al  
• [X] US 2005269072 A1 20051208 - FOLK ROBERT A [CA], et al

Cited by  
CN111101878A

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)  
**US 2018340380 A1 20181129**; CA 3004037 A1 20181126; EP 3444426 A2 20190220; EP 3444426 A3 20190313; EP 3444426 B1 20211027

DOCDB simple family (application)  
**US 201715607049 A 20170526**; CA 3004037 A 20180504; EP 18173422 A 20180521