

Title (en)
SWITCHING ROLLER FINGER FOLLOWER FOR BLEEDER BRAKING

Title (de)
SCHALTWALZE MIT SCHLEPPBREMSE

Title (fr)
LINGUET À GALET DE COMMUTATION POUR FREINAGE DE PURGE

Publication
EP 3807502 A1 20210421 (EN)

Application
EP 19732541 A 20190612

Priority
• US 201862683904 P 20180612
• EP 2019025180 W 20190612

Abstract (en)
[origin: WO2019238271A1] A switching rocker arm assembly (12) includes an inner (42) arm, an outer arm (40) pivotably secured to the inner arm (42), and a camshaft (14) having a first lobe to contact one of the outer arm and the inner arm to perform a normal valve motion, and a second lobe to contact the other of the outer arm and the inner arm to perform at least one of: a full cycle bleeder brake exhaust valve motion, a partial cycle bleeder brake exhaust valve motion, an additional engine brake intake valve motion, and a compression relief braking exhaust valve motion.

IPC 8 full level
F01L 1/24 (2006.01); **F01L 1/08** (2006.01); **F01L 1/18** (2006.01); **F01L 13/00** (2006.01); **F01L 13/06** (2006.01)

CPC (source: EP US)
F01L 1/047 (2013.01 - US); **F01L 1/08** (2013.01 - EP US); **F01L 1/181** (2013.01 - US); **F01L 1/2405** (2013.01 - EP US); **F01L 13/0005** (2013.01 - EP); **F01L 13/0036** (2013.01 - US); **F01L 13/06** (2013.01 - EP US); **F01L 13/065** (2013.01 - EP); **F01L 2001/186** (2013.01 - EP US); **F01L 2305/00** (2020.05 - EP US); **F01L 2800/08** (2013.01 - EP)

Citation (search report)
See references of WO 2019238271A1

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 2019238271 A1 20191219; CN 112204230 A 20210108; EP 3807502 A1 20210421; US 2021095584 A1 20210401

DOCDB simple family (application)
EP 2019025180 W 20190612; CN 201980034448 A 20190612; EP 19732541 A 20190612; US 202017118647 A 20201211