

Title (en)
BALANCED BRIDGE BLEEDER BRAKE WITH HLA

Title (de)
ENTLÜFTUNGSBREMSE MIT VORGESTEUERTER BRÜCKE MIT HLA

Title (fr)
FREIN DE PURGE PAR PONT ÉQUILIBRÉ DOTÉ D'UN RATTRAPEUR DE JEU HYDRAULIQUE

Publication
EP 3821114 A4 20220824 (EN)

Application
EP 19834097 A 20190712

Priority
• US 201862697119 P 20180712
• US 2019041649 W 20190712

Abstract (en)
[origin: WO2020014637A1] A valvetrain assembly configured to selectively perform a bleeder brake operation includes a rocker arm configured to rotate about a rocker shaft, a camshaft having a lobe configured to impart motion to the rocker arm through a pushrod, and a valve bridge assembly operably associated with the rocker arm and configured to be selectively engaged by the rocker arm to open at least one of a first and second engine valve. An engine brake capsule is operably associated with the valve bridge assembly and configured to operate in a drive mode where the engine brake capsule does not cause the valve bridge assembly to open the first or second engine valves, and a brake mode where the engine brake capsule engages the valve bridge assembly to partially open the first engine valve to perform the bleeder brake operation.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
• [XA] EP 0974740 A2 20000126 - CUMMINS ENGINE CO LTD [GB], et al
• [XA] US 2017175597 A1 20170622 - CECUR MAJO [IT]
• [XA] US 2017276034 A1 20170928 - CECUR MAJO [IT], et al
• [YA] WO 2017160379 A1 20170921 - EATON CORP [US]
• [YA] US 7617807 B2 20091117 - DIGGS MATTHEW [US], et al
• [L] WO 2019228671 A1 20191205 - EATON INTELLIGENT POWER LTD [IE]
• [A] WO 2017177102 A1 20171012 - EATON CORP [US]
• See also references of WO 2020014637A1

Designated contracting state (EPC)
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