

Title (en)

ENGINE BRAKE CAMSHAFT LOBE LUBRICATION METHOD

Title (de)

VERFAHREN ZUR SCHMIERUNG EINES MOTORBREMSSEN-NOCKENWELLENNOCKENS

Title (fr)

PROCÉDÉ DE LUBRIFICATION DE BOSSAGE D'ARBRE À CAME DE FREIN MOTEUR

Publication

EP 2483533 A1 20120808 (EN)

Application

EP 10820964 A 20100526

Priority

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- US 2010036121 W 20100526

Abstract (en)

[origin: WO2011040997A1] In an engine braking system of the type wherein a cam lobe lifts a follower by direct contact, wherein the follower is at least partially contained in a brake housing containing oil. A slave piston is also at least partially contained in the brake housing, and during engine braking, movement of the follower causes the oil to move the slave piston outward. Movement of the slave piston opens an engine braking exhaust valve to open a flow path between an engine cylinder and an exhaust conduit. An oil passage through the follower is provided to lubricate an interface between a flat face of the follower and the cam lobe with oil from the brake housing. The oil passage has an outlet hole that is open on the flat face outside of the contact area between the flat face and the cam lobe.

IPC 8 full level

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See references of WO 2011040997A1

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