

Title (en)
HYDRAULIC BRAKE SYSTEM

Title (de)
HYDRAULISCHE BREMSANLAGE

Title (fr)
SYSTÈME DE FREINAGE HYDRAULIQUE

Publication
EP 2285634 A1 20110223 (DE)

Application
EP 09745459 A 20090513

Priority
• DE 2009000684 W 20090513
• DE 102008023476 A 20080514

Abstract (en)
[origin: WO2009138075A1] The invention relates to a hydraulic brake system (1), comprising at least one brake valve (4, 98, 100), which can be manually actuated and by way of which a pressurized medium connection between at least one brake line (53, 54) connected by way of a pressurized medium connection to a wheel brake cylinder (26, 28, 30, 32) and a hydraulic accumulator (6, 8) can be opened. To this end, a wheel valve (16, 18, 20, 22, 102, 176, 178, 180, 182) is disposed between the wheel brake cylinder (26, 28, 30, 32) and the brake valve (4, 98, 100) in the pressurized medium flow path, wherein said wheel valve can be controlled by way of a circuit valve (34, 36, 184, 186, 210, 212) or a control element actuating the brake valve (4, 98, 100), regardless of the manual actuation of the brake valve (4, 98, 100). A plurality of brake circuits (94, 96) can be provided in the brake system, each being associated with a circuit valve 34, 36, 184, 186, 210, 212). The wheel and brake valves are furthermore either electrically controlled or pilot-controlled by hydraulics.

IPC 8 full level
B60T 8/48 (2006.01)

CPC (source: EP US)
B60T 8/4809 (2013.01 - EP US)

Citation (search report)
See references of WO 2009138075A1

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 102009021012 A1 20091119; CN 102026857 A 20110420; DE 112009001725 A5 20110421; EP 2285634 A1 20110223; US 2011018338 A1 20110127; WO 2009138075 A1 20091119

DOCDB simple family (application)
DE 102009021012 A 20090513; CN 200980117121 A 20090513; DE 112009001725 T 20090513; DE 2009000684 W 20090513; EP 09745459 A 20090513; US 93469509 A 20090513