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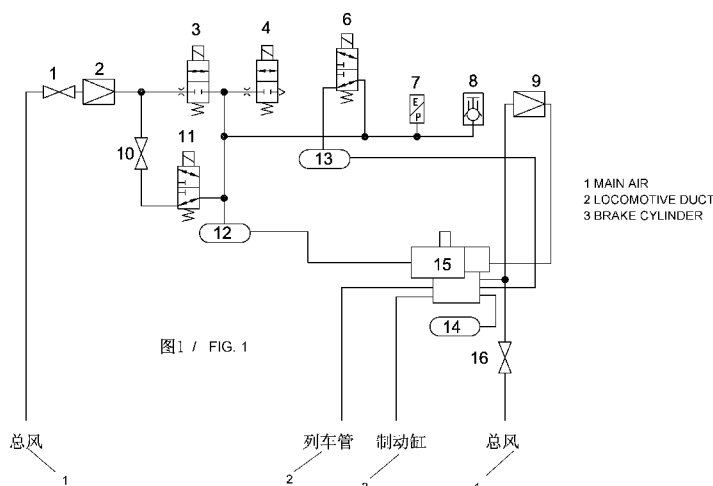
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(81) 指定国 (除另有指明, 要求每一种可提供的国家保护): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ,

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(54) Title: CONTROL SYSTEM USED FOR DISTRIBUTION VALVE OF ACCUMULATOR ELECTRIC ENGINEERING LOCOMOTIVE BRAKE SYSTEM

(54) 发明名称: 一种用于蓄电池电力工程车制动系统分配阀的控制系统



(57) Abstract: A control system, which is used for a distribution valve (15) of an accumulator electric engineering locomotive brake system, belongs to the technical field of the control of the brake system of the accumulator electric engineering locomotive. The control system includes: an electric distribution valve closed loop control system that works in normal condition, a reserved air distribution valve control system that works when the electric distribution valve closed loop control system fails, and an emergency braking rapid compression control system that works in emergency situation. The control accuracy of the brake cylinder pressure can be greatly improved by the accumulator electric engineering locomotive brake cylinder through the pressure closed loop control of a pre-control air cylinder (12); the reliability of the brake system can be improved by using a reserved air distribution valve; an emergency braking rapid compression path can ensure emergency braking action within short time under emergency situation and ensure the security of the accumulator electric engineering locomotive.

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