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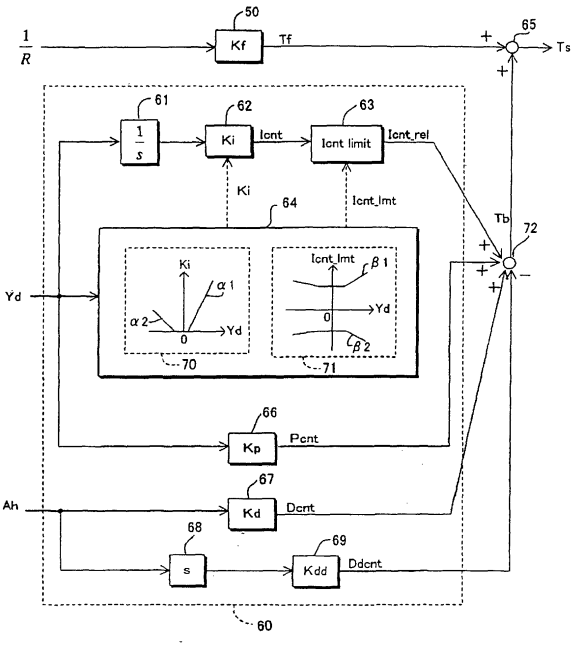
(54) **STEERING CONTROL DEVICE FOR VEHICLES**

(57) A vehicle steering control device which prevents overshoot or a phase delay of a vehicle position from a target position when an actuator of a steering mechanism is controlled so that an integral control reduces a positional deviation of a vehicle from the reference position of a traffic lane. An FB control unit (60) which calculates a corrected steering assist torque (Tb) of a motor so as to reduce a positional deviation (Yd) and an angular deviation (Ah) includes an integral element determination unit (64), which determines an integral gain (Ki), by which the positional deviation (Yd) is multiplied in an integral gain operation unit (62), according to the positional deviation (Yd) and which determines a limit value (Icnt_lmt) of an integral controlled variable (Icnt) according to the positional deviation (Yd), and an integral controlled variable limiting unit (63) which limits the integral controlled variable (Icnt) to within a range set by the limit value (Icnt_lmt) and outputs the current integral controlled variable (Icnt_rel).

FIG.4



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