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(54) **Title:** METHOD AND DEVICE FOR ADAPTIVE CRUISE CONTROL, COMPUTER PROGRAMME, COMPUTER PROGRAMME PRODUCT, COMPUTER AND VEHICLE

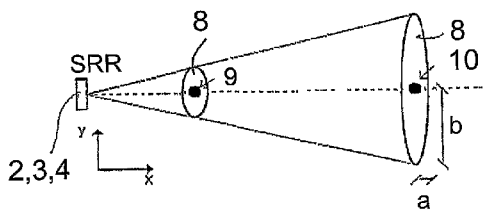

Fig 3

(57) Abstract: A method for adaptive vehicle cruise control incorporating a Stop-&-Go function, whereby the vehicle is caused to match the speed of a target (9, 10), e.g. a vehicle ahead, and accordingly to stop and, after the standstill, to resume matching the speed of the target, and whereby a target region ahead of the vehicle is monitored for targets by at least two sensors (2, 3, 4). The method is distinguished particularly by the steps of - monitoring the target region by at least two short-distance sensors (2, 3, 4) which each deliver target measurement data in the form of distance, direction and relative speed; - by sensor fusion, carrying out target association using the uncertainty in the sensors' target measurement data indications, and thereby determining whether a target (9, 10) monitored by one sensor (2, 4) lies within an error window (8) based on said uncertainty of a target (9, 10) from the other sensor (2, 4), and - if such is the case, classifying the target as a relevant monitored target. The invention relates also to a device, a computer programme, a computer programme product, a computer and a vehicle.

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