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(54) SYSTEM FOR OPERATING A UTILITY VEHICLE AND METHOD FOR OPERATING SUCH

(57) A system for operating a utility vehicle (10) is disclosed. The system comprising: a work tool (14), a sensing system (12); a controller (52), including a computing device having a processor and a memory (53), the controller (52) operatively coupled to the sensing system (12), wherein the controller (52) receives a first sensing signal from the sensing system (12), where the first sensing signal comprises an image with an accumulation of a material generated by the work tool (14) engaging the

material while traveling along a first guidance path (22) which creates a first area traversed; and generates a second guidance path (24), by the controller (52), based on the first signal, where movement along the second guidance path (24) creates a second area traversed to overlap a portion of the first area traversed causing the work tool (14) to interact with the accumulation of the material. Further, a method of operating a utility vehicle (10) is disclosed.

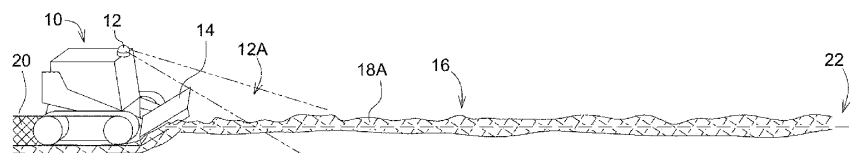


FIG. 1A

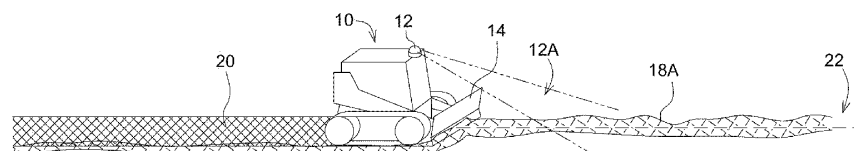


FIG. 1B

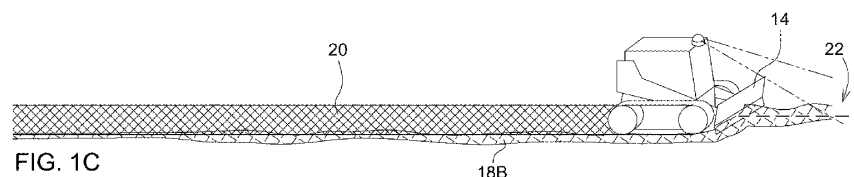


FIG. 1C

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EUROPEAN SEARCH REPORT

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EP 24 20 5863

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			E02F
Place of search		Date of completion of the search	Examiner
Munich		15 April 2025	Kühn, Thomas
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