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(54) **Integrated towboat system**

(57) The invention provides an integrated tow boat system including a tow boat, said system further including a powered bow unit module operable by remote control, a navigation bridge equipment module, and a control telemetry module. The powered bow-module (boat)

(1) equipped with propellers (30) and steering aids in conjunction with a powered push boat (3) is particularly advantageous for moving barges with goods on water. An outstanding feature of the system is the integrated control of all the propulsion and steering machinery of the two boats through radio communication.

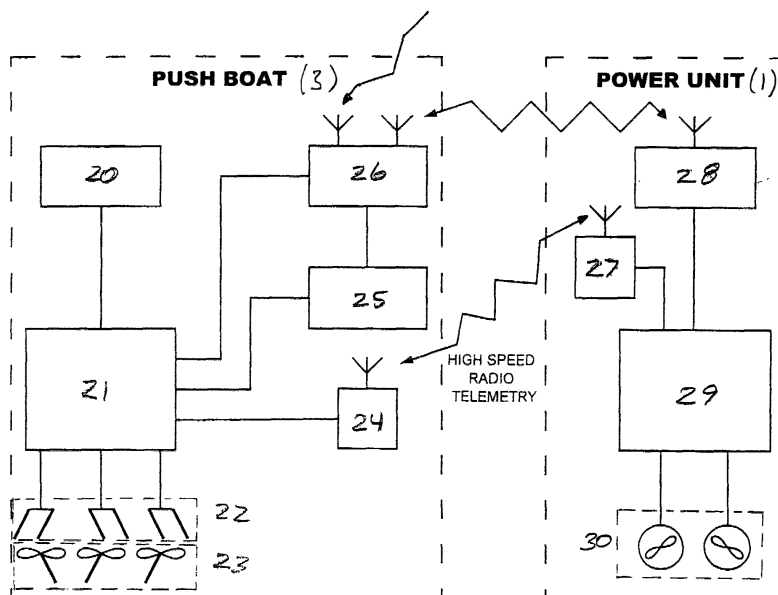


Fig. 7



European Patent
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EUROPEAN SEARCH REPORT

Application Number
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Place of search		Date of completion of the search	Examiner
MUNICH		11 November 2002	Moya, E
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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