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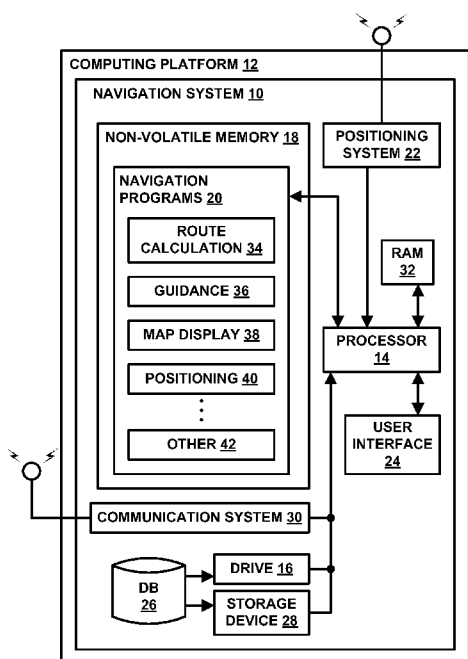


FIG. 1

(57) Abstract: A method and system for calculating an energy efficient route is disclosed. A route calculation application calculates one or more routes from an origin to a destination. For each of the routes, the route calculation application uses impedance factor data associated with each segment in the route. The impedance factor is calculated using probe data when the probe data is available for a road segment. When probe data is unavailable, the impedance factor is calculated using machine learning techniques that analyze the results of the impedance factor classifications for road segments having probe data.

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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2010/0057339 A1 (Pryakhin et al.) 04 March 2010 (04.03.2010), entire document, especially abstract, para [0003], [0014], [0008], [0020], [0024], [0029].	1-20
Y	US 2009/0005965 A1 (Forstall et al.) 01 January 2009 (01.01.2009), entire document, especially abstract, para [0003], [0004], [0005], [0053], [0070], [0081], [0085], [0086], [0087], [0089].	1-20
A	US 2010/0286909 A1 (Tate, Jr. et al.) 11 November 2010 (11.11.2010), entire document, especially abstract, para [0006], [0017], [0018], [0027], [0048].	1-20
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