

**ABSTRACT****METHOD FOR OPTIMIZING MOBILE TARGET INTERCEPTION
AND MISSILE THEREFOR**

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The invention relates to systems for the interception of mobile targets by missiles, especially of aerial targets by air-to-air or surface-to-air missiles.

The interception of mobile target(s) 30 is optimized by virtue of the
10 process comprising the steps of tracking of the target(s) 30, of tracking of the
missile(s) 10 fired, of transmission from the interception system 20 to the
missile(s) 10 fired of the information regarding the tracking of the target(s) 30
and transmission of information by the fired missile(s) 10 to the interception
system 20 so as to improve the performance over at least one of the steps of
15 tracking and/or transmission of the interception system 20. Interception is
furthermore optimized through the use in the designation subsystem 20_p and
the missile 10 of GPS type locating devices, operating especially in relative
mode.

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[Figure 5]

