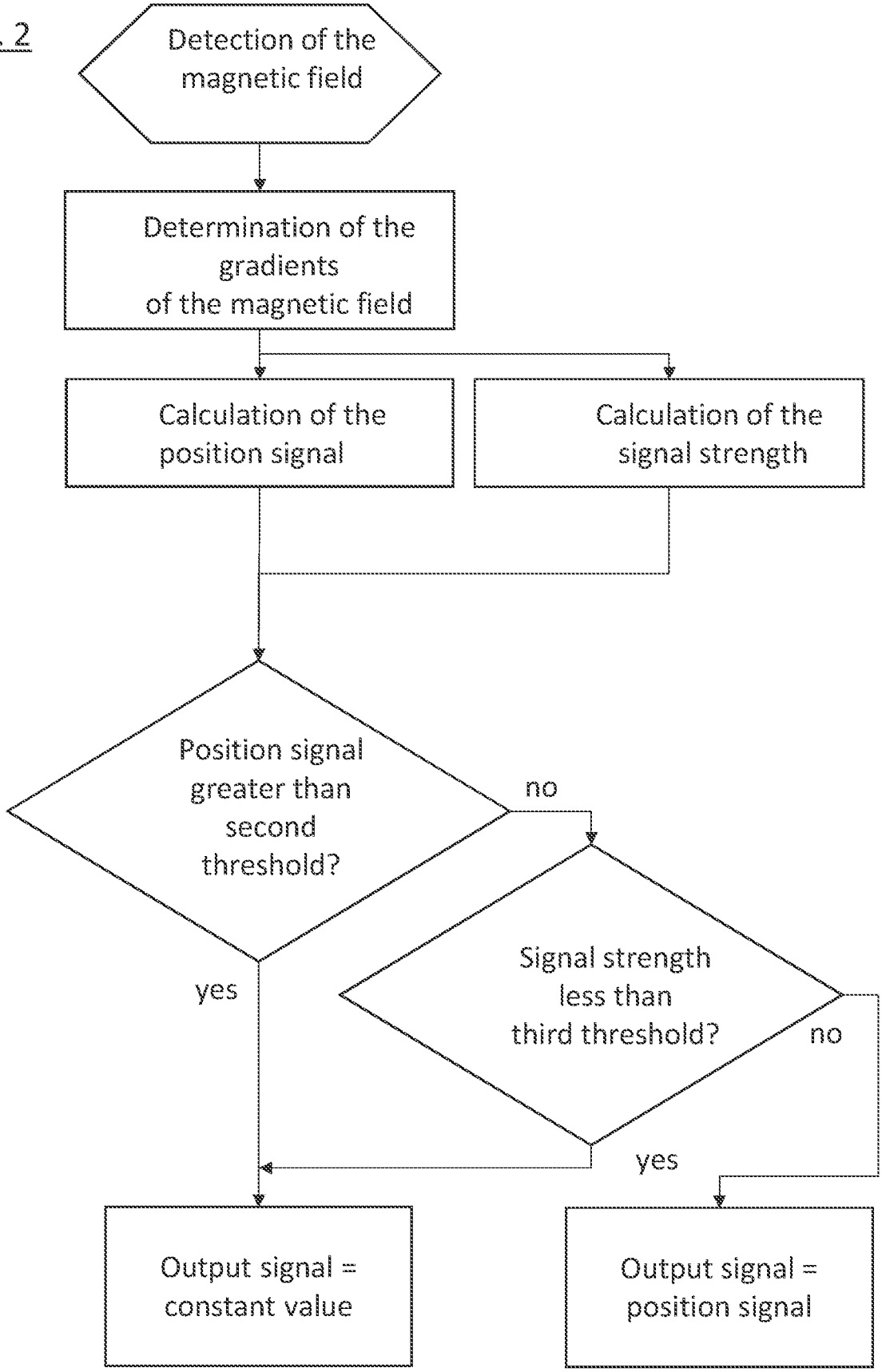
Fig. 2


Detection of the magnetic field
Determination of the gradients of the magnetic field
Calculation of the position signal
Calculation of the signal strength
Position signal greater than second threshold?
no
yes
Signal strength less than third threshold?
no
yes
Output signal = constant value
Output signal = position signal