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(54) **A method and a device for detecting failure of the drum drive system of a tumble clothes dryer**

(57) A method for monitoring failure of a drum rotation system of a clothes dryer comprises acquiring a conductivity signal from the conductivity sensor of the dryer,

and processing said signal in the frequency domain in order to retain a frequency spectra of the clothes tumbling process while rejecting the frequency spectra of noises and/or the like.

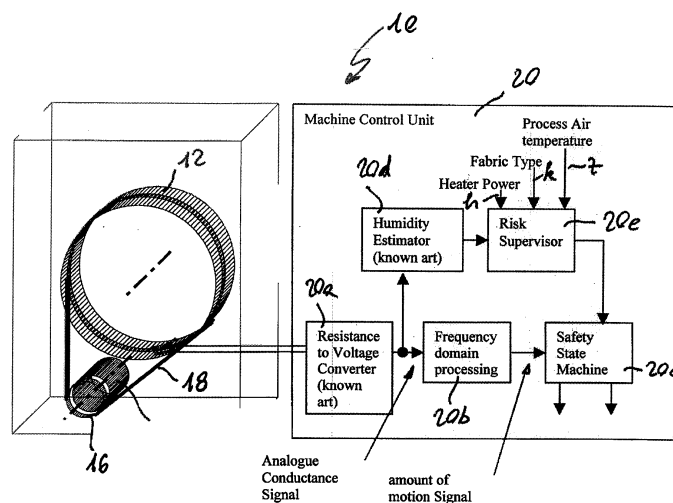


Fig. 1



European Patent
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EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 29 June 2007	Examiner Clivio, Eugenio
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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