

Title (en)
SOUND MASKING FOR WHITE GOODS

Title (de)
GERÄUSCHMASKIERUNG FÜR WEISSE WAREN

Title (fr)
MASQUAGE SONORE POUR PRODUITS BLANCS

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Application
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Abstract (en)
[origin: EP3396663A1] The present invention refers to a system for controlling active motor noise (9) for white goods (1) using sound masking technique. In the white good (1), the system is fixed near to the user interface to determine a loading condition and accordingly predicts the active motor noise (9). An original music (6) with appropriate background sound can be selected from the internet or from a system memory. The original music (6) is converted to plain music (8) by removing a periodic rhythmic background sound (7) from the original music (6). The plain music (8) can be played through a speaker (2). The active motor noise (9) and the plain music (8) can be combined (10) together in air and produce a comfortable music (11). Hence, the rotating motor sound (9) of the white good (1) is masked with the plain music (8).

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