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## Package for Decayable Foodstuffs

### THE PROBLEM

Generally, there are many known intelligent systems, which relate to various leakage indicators designed for use in foodstuff packages and indicators that respond to damage of the package and decay in itself. However, these systems do not describe an indicator or package that would respond to ageing of the package or to an excessive rise in the temperature of the package and to the volatile compounds produced as a result of decay of the foodstuff. The present invention eliminates the drawbacks described above.

### THE INVENTION

The present invention relates to a package for decay able foodstuffs, which package consists of a package material and forms a mainly closed package space and a mainly closed indicator space for an oxidation indicator. The invention is based on research work during which a new type of package was developed so that ageing and undesirable high temperature or thermal load of the package as well as decay can be recognized from an indicator comprised in the package. (Patent pending)

### THE SOLUTION

The innovation allows easier, simpler and more rationalized packaging of foodstuffs and placement of a freshness indicator in the package independently of the time of packaging. VTT has developed several working prototypes and tested this technology in actual use.

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