

Title (en)

A layered low temperature susceptor.

Title (de)

Mehrschichtiger Suszeptor für niedrige Temperaturen.

Title (fr)

Suscepteur multicouches pour températures basses.

Publication

EP 0487166 A1 19920527 (EN)

Application

EP 91203039 A 19911120

Priority

NL 9002540 A 19901121

Abstract (en)

A layered susceptor material comprising an active microwave absorbing substructure consisting of an inert plastic film substrate layer (10), and an active metal layer (12) deposited on said substrate layer (10), the thickness of said metal layer (12) being selected such that said metal layer has a microwave absorptency of between 10% and 50%. The material comprises furthermore a stock material layer (16) supporting said active microwave substructure and adhered by means of a layer of adhesive (14) to said substructure. The inert plastic film substrate layer (10) is made of a plastic material with a melting point below 200 DEG C and further that the substrate layer material is in an oriented state. The material may comprise a further layer (18) of a material with a melting point above the melting point of said substrate layer (10) adhered by means of an adhesive layer (20) to said active microwave absorbing substructure opposite the surface to which the stock material layer (16) is adhered. <IMAGE>

IPC 1-7

B65D 81/34; H05B 6/64

IPC 8 full level

F24C 7/02 (2006.01); **B65D 81/34** (2006.01); **H05B 6/74** (2006.01)

CPC (source: EP)

B65D 81/3446 (2013.01); **B65D 2581/3466** (2013.01); **B65D 2581/3472** (2013.01); **B65D 2581/3478** (2013.01); **B65D 2581/3487** (2013.01)

Citation (search report)

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