United States Patent [19]

Rheinländer

[11] Patent Number:

5,058,705

[45] Date of Patent:

Oct. 22, 1991

[54]	SOUND-ABSORBING COVER ELEMENT AS
	A COMPONENT IN A GAP-FREE ACOUSTIC
	COVER

[75] Inventor: Heinz Rheinländer, Wiesenweg, Fed.

Rep. of Germany

[73] Assignee: Sto AG, Stuhlingen, Fed. Rep. of

Germany

[21] Appl. No.: 280,376

[22] Filed: Dec. 6, 1988

[30] Foreign Application Priority Data

Dec. 16, 1987 [DE] Fed. Rep. of Germany ... 8716596[U]

[51]	Int. Cl.5	 E04B	1/343

[56] References Cited U.S. PATENT DOCUMENTS

4,219,376	8/1980	Roman	428/138
4,657,610	4/1987	Komatsu et al	428/137
4,917,933	4/1990	Schluter	428/137

FOREIGN PATENT DOCUMENTS

87052709.9 8/1987 Fed. Rep. of Germany . A01238674 10/1959 France .

Primary Examiner—James J. Bell Attorney, Agent, or Firm—Fleit, Jacobson, Cohn, Price, Holman & Stern

[57] ABSTRACT

A sound-absorbing cover element for use as a component in a gap-free acoustic cover including a perforated plate (22) covered on its side facing an enclosed space with a layer (24) of nonwoven fiber material which covers the perforations. The plate is lined on its side facing away from the enclosed space with a sound-inhibiting layer (28) covered on its side facing away from the perforated plate (22) with a cover film (30) which is impermeable to air.

15 Claims, 1 Drawing Sheet

