

Title (en)  
A LIFTING CUSHION.

Title (de)  
HEBEKISSEN.

Title (fr)  
COUSSIN DE LEVAGE.

Publication  
**EP 0650460 A1 19950503 (EN)**

Application  
**EP 94914509 A 19940511**

Priority  
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Abstract (en)  
[origin: WO9426649A1] A lifting cushion includes an inflatable envelope (2), a first layer (4) and a second layer (6). The envelope (2) includes two rectangular sheets (8 and 10) of woven polyaramid cloth. The sheets (8 and 10) are connected either by a very large number of closely adjacent polyaramid filaments (12) or a series of cell structures (58) made of polyaramid or polyester sheet. The first layer (4) is wrapped around the envelope (2) with the direction of reinforcement (20) extending in the direction (23). The second layer (6) is wrapped around the first layer (4) with the direction of reinforcement (33) running perpendicularly to the direction of reinforcement (23) of the sheet (20). The first and second layers are made of polyaramid and coated with a neoprene layer on both their upper and lower surfaces. An air valve is inserted in one corner of the envelope (2). The envelope (2) and first and second layers (4 and 6) are heated, compressed and hot vulcanised to secure these components to one another during manufacture of the lifting cushion.

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**B66F 3/35**

IPC 8 full level  
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CPC (source: EP)  
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