

Title (en)  
HYDROPHOBIC POLYURETHANE FOAMS, PROCESS FOR THEIR MANUFACTURE AND THEIR USE TO ABSORB OIL AND HALOGENATED HYDROPHOBIC COMPOUNDS, WHICH MAY BE HALOGENATED, FROM WATER

Publication  
**EP 0000933 B1 19830330 (DE)**

Application  
**EP 78100702 A 19780818**

Priority  
DE 2738268 A 19770825

Abstract (en)  
[origin: US4237237A] Hydrophobic polyurethane foams which have densities of from 4 to 15 g/liter and in which the number of closed cells is from 2 to 30%, and the number of open cells from 98 to 70%, based on the total number of cells, are obtained from polyisocyanates, polyhydroxy compounds, catalysts and water, with or without lipophilic compounds, the components being reacted in such amounts that the ratio of hydrogen atoms capable of undergoing a Zerewitinoff reaction to NCO groups is from 1.3 to 10:1. The foams are suitable for the absorption of oil and/or by hydrophobic solvents, which may or may not contain halogen, from water.

IPC 1-7  
**C08J 9/00**; **C08L 75/04**; **C02F 1/40**; **C09K 3/32**; **C08G 18/14**

IPC 8 full level  
**C08G 18/00** (2006.01); **B01J 20/26** (2006.01); **C02F 1/40** (2006.01); **C02F 1/68** (2006.01); **C08G 18/28** (2006.01); **C08G 18/36** (2006.01); **C08G 18/38** (2006.01); **C08J 9/00** (2006.01); **C08L 75/04** (2006.01); **C09K 3/32** (2006.01)

CPC (source: EP US)  
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