

Title (en)  
FUEL ELEMENT FOR A BOILING WATER REACTOR

Title (de)  
BRENNELEMENT FÜR EINEN SIEDEWASSERREAKTOR

Title (fr)  
ELEMENT COMBUSTIBLE POUR REACTEUR A EAU BOUILLANTE

Publication  
**EP 1472700 A2 20041103 (DE)**

Application  
**EP 03704459 A 20030124**

Priority  
• DE 10205202 A 20020208  
• EP 0300708 W 20030124

Abstract (en)  
[origin: WO03067606A2] Disclosed is a fuel element for a boiling water reactor, comprising a plurality of fuel rods (1 to 3) which are mounted in a plurality of spacers (11 to 18) placed at a distance from each other in the axial direction of the fuel element. At least one (1, 2) of said fuel rods has a reduced length. Deflecting element (48) are arranged at least in the top portion (B) of the fuel element in order to improve dryout behavior. The inventive fuel element also comprises means for reducing the loss of pressure caused in said portion (B) by the deflecting elements so as to improve thermohydraulic stability and shutdown behavior.

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**G21C 3/322**

IPC 8 full level  
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Citation (search report)  
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