

Title (en)  
CONTAINER STERILIZATION

Publication  
**EP 0132034 B1 19870107 (EN)**

Application  
**EP 84303744 A 19840604**

Priority  
US 51437383 A 19830715

Abstract (en)  
[origin: EP0132034A1] Apparatus and method for sterilizing the interiors of paperboard containers 58, wherein such apparatus and method are operative prior to the container being mounted on a mandrel assembly 24 on which the container bottom closures are formed, closed and sealed. This is accomplished by providing nebulizing means 12 for communicating a suitable sterilant fog through and onto the inside surfaces of the carbon blank 40 immediately after it has been removed from a magazine 18 and opened into a four-sided tubular 44 shape, thereby greatly increasing the total interior sterilizing time available prior to the container being filled, as compared to conventional sterilization processes which are operative after the bottom panels of the carton have been closed and sealed.

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**B65B 55/10**

IPC 8 full level  
**A23L 3/00** (2006.01); **A23L 3/3589** (2006.01); **A61L 2/22** (2006.01); **B65B 55/10** (2006.01)

CPC (source: EP)  
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**EP 0132034 A1 19850123; EP 0132034 B1 19870107**; AU 2905484 A 19850117; AU 564499 B2 19870813; BR 8403508 A 19850625; CA 1232188 A 19880202; CH 665398 A5 19880513; DE 3461908 D1 19870212; DK 157482 B 19900115; DK 157482 C 19900611; DK 332984 A 19850116; DK 332984 D0 19840706; ES 534283 A0 19850801; ES 8506528 A1 19850801; FI 75316 B 19880229; FI 75316 C 19880609; FI 842763 A0 19840710; FI 842763 A 19850116; IN 159815 B 19870606; JP S6036056 A 19850225; NO 159648 B 19881017; NO 159648 C 19890125; NO 842872 L 19850116; PT 78893 A 19840801; PT 78893 B 19860605; ZA 844351 B 19850227

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