

Title (en)  
CLEANING METHOD FOR POLYETHYLENE TEREPHTHALATE CONTAINERS

Title (de)  
REINIGUNGSVERFAHREN FÜR POLYETHYLEN-TEREPHTHALAT-BEHÄLTER

Title (fr)  
PROCEDE DE NETTOYAGE DE RESERVOIRS EN POLYETHYLENE TEREPHTHALATE

Publication  
**EP 0946701 A4 20000308 (EN)**

Application  
**EP 96941351 A 19961115**

Priority  
US 9618261 W 19961115

Abstract (en)  
[origin: WO9822566A1] A method for cleaning polyethylene terephthalate containers including contacting the PET container with an alkaline wash solution having a temperature ranging of less than about 60 DEG C is disclosed. The alkaline wash solution is formulated from a first concentrate, a second concentrate, an alkalinity source, and a balance of water. The first concentrate preferably has a first nonionic surfactant, a first builder, and acid in an amount effective to provide a phase stable solution. The second concentrate preferably has a second nonionic surfactant and a second builder. The first and second concentrate are present in the wash solution in a concentration ranging from about 0.3 wt.% to 2.0 wt.%. Preferably, the first nonionic surfactant has a cloud point ranging from about 5 DEG C to 60 DEG C.

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Citation (search report)  
• [E] WO 9719157 A1 19970529 - UNILEVER NV [NL], et al  
• [A] DATABASE WPI Section Ch Week 9510, Derwent World Patents Index; Class D25, AN 95-070581, XP002037099  
• See also references of WO 9822566A1

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**WO 9822566 A1 19980528**; AU 1052197 A 19980610; AU 734264 B2 20010607; CA 2271819 A1 19980528; CA 2271819 C 20070130; DE 69632836 D1 20040805; DE 69632836 T2 20050721; EP 0946701 A1 19991006; EP 0946701 A4 20000308; EP 0946701 B1 20040630; JP 2001504535 A 20010403; JP 4163754 B2 20081008; TW 546379 B 20030811; ZA 975113 B 19981210

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