

Title (en)  
AUTOCLAVE HEATING JACKET

Title (de)  
HEIZMANTEL FÜR AUTOKLAV

Title (fr)  
CHEMISE CHAUFFANTE POUR AUTOCLAVE

Publication  
**EP 2991759 A1 20160309 (EN)**

Application  
**EP 14733397 A 20140415**

Priority  
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Abstract (en)  
[origin: WO2014179041A1] An autoclave heating jacket including a heating fluid collar (200), a fluid inlet (120), a fluid outlet (122), and a plurality of fluid flow baffles (202, 204, 206) is claimed. The heating fluid collar (200) can have an outer wall (208) which includes an upper contact surface (210) and a lower contact surface (212) forming an enclosed chamber when engaged with an outer surface of an autoclave. The fluid inlet (120) can be oriented through the outer wall and is capable of directing a heating fluid into the enclosed chamber. The fluid outlet (122) can be oriented through the outer wall but is capable of directing the heating fluid out of the enclosed chamber. The plurality of fluid flow baffles (202, 204, 206) can be oriented within the enclosed chamber so as to direct the heating fluid along a predetermined pathway within the enclosed chamber. Also claimed is a polymerization autoclave comprising said heating jacket and a heating conduit, as well as a method of repairing such an autoclave by replacing some of the weakened or leaking coil segments with said heating jacket.

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