

- [54] **TUBESHEET IN A SEPARATORY DEVICE
CURED USING RADIO WAVES**
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Related U.S. Application Data

- [63] Continuation of Ser. No. 349,223, Feb. 15, 1982, abandoned, which is a continuation-in-part of Ser. No. 165,588, Jul. 3, 1980, abandoned.
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210/323.2; 264/26

[57] **ABSTRACT**

The described invention is directed to a process for curing a tubesheet intended for use in a separatory device. In its broadest sense, the invention is the process

for curing a thermoset resin tubesheet intended for a separatory device. This process comprises mixing with the uncured thermoset resin an electromagnetic susceptor which is capable of generating heat when exposed to radio frequency electromagnetic radiation. The thermoset resin containing the electromagnetic susceptor is applied to a segment of a bundle of hollow fibers so as to form a tubesheet when cured. The mixture formed is subjected to electromagnetic radiation for a time sufficient to cure the resin. The invention is further directed to a tubesheet in a separatory device containing a plurality of hollow fibers, said tubesheet comprising a cured thermoset resin containing an electromagnetic susceptor.

**9 Claims, No Sheets Drawing,
11 Pages Specification**

The file of this unexamined application may be inspected and copies thereof may be purchased (849 O.G. 1221, Apr. 9, 1968).