

Title (en)

A method for producing an endless belt with a smooth inner surface for use in a papermaking extended nip press.

Title (de)

Elne Methode zur Herstellung eines endlosen Bandes mit glatter Innenoberfläche zur Verwendung für eine Walze mit verlängertem Prepspalt zur Papierherstellung.

Title (fr)

Un procédé de fabrication d'une bande sans fin ayant une surface intérieure lisse utilisée pour la fabrication de papier dans la zone de pression de cylindre de presse.

Publication

**EP 0194602 A1 19860917 (EN)**

Application

**EP 86103042 A 19860307**

Priority

US 71145485 A 19850313

Abstract (en)

A belt (16) is disclosed having a base fabric (34) which has been impregnated by or immersed into a polymer material (36) so that it has a smooth inner surface (16'). The belt (16) is used to form an extended press nip (10) for dewatering a paper web (24). The press nip (10) is formed by forcing a stationary shoe (14) against the inner surface of the belt (16). The belt (16) is preferably made by mounting a base fabric (34) on the inner mandrel (40) of a cylindrical mold (38) and injecting an appropriate material in the mold. After the material is properly dispersed through the base fabric, it is cured.

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IPC 8 full level

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CPC (source: EP)

**D21F 3/0227** (2013.01); **D21F 3/0236** (2013.01)

Citation (search report)

- [X] DE 3318984 A1 19841129 - OBERDORFER FA F [DE]
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