

Title (en)

Process and apparatus for treating a fibrous- or paper web

Title (de)

Verfahren und Vorrichtung zur Behandlung einer Faserstoff- oder Papierbahn

Title (fr)

Procédé et dispositif pour le traitement d'une bande de fibres ou de papier

Publication

**EP 0771903 B1 19990804 (DE)**

Application

**EP 96114759 A 19960914**

Priority

DE 19540898 A 19951102

Abstract (en)

[origin: EP0771903A1] A process for treatment of a fibrous pulp or paper web in a press apparatus entails leading the web through a gap with an especially extended press zone (5) formed between a press roller (1) and a counter element, preferably a roller (6). The press roller has a revolving cover (2) made from, especially polyurethane, plastic and a stationary crosshead (3) set axially through the cover, which is pushed in the direction of the counter element by a press shoe (16) supported by at least one support element (4) on the crosshead. At least an area of the cover's external surface is cooled in the axial direction in order to increase the cover's abrasion resistance. Also claimed is the apparatus for treatment of the web (P) as above and including a felt belt (7) on which the web is fed through the gap. There is a cooling apparatus for cooling the cover.

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