

Title (en)

AN APPARATUS FOR WASHING AND/OR DEWATERING PULP

Title (de)

VORRICHTUNG ZUM WASCHEN UND/ODER ENTWÄSSERN VON PULPE

Title (fr)

APPAREIL DESTINÉ À LAVER ET/OU ÉPAISSIR UNE PÂTE À PAPIER

Publication

**EP 2331746 A4 20130710 (EN)**

Application

**EP 09816526 A 20090923**

Priority

- SE 2009051057 W 20090923
- SE 0802029 A 20080924

Abstract (en)

[origin: WO2010036192A1] An apparatus for washing and/or dewatering pulp comprising a first and a second press roll (102, 104), each press roll (102, 104) being permeable and rotatable about an axis of rotation (218, 218), and a vat (114, 116, 118) in which the press rolls (102, 104) are installed. The press rolls (102, 104) define a press nip (112) between them. The apparatus comprises a first pair of bearing housings (202) with bearings (204) for the first press roll (102), each bearing housing (202) of the first pair and the first press roll (102) being movable in relation to the second press roll (102, 104) to vary the press nip (112). The apparatus comprises a second pair of bearing housings (208) with bearings (208) for the second press roll (104). Each bearing housing (202) of the first pair and the opposite bearing housing (208) of the second pair are connected by an adjusting device (220; 501) which is adapted to force the first press roll (102) away from and towards the second press roll (104). The adjusting device (220; 501) is connected to at least one measuring member adapted to provide measurement values by means of which the linear load acting on the pulp in the press nip (112) is determined.

IPC 8 full level

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CPC (source: EP SE)

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[XP] WO 2009075645 A1 20090618 - METSO PAPER INC [FI], et al

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