

Title (en)
TISSUE MACHINE

Title (de)
TISSUE-MASCHINE

Title (fr)
MACHINE À FABRIQUER DU PAPIER TISSU

Publication
EP 2038476 A1 20090325 (DE)

Application
EP 07730078 A 20070612

Priority
• EP 2007055749 W 20070612
• DE 102006030501 A 20060701

Abstract (en)
[origin: DE102006030501A1] The machine for the production of fiber web (1), comprises an elongated press gap formed between a shoe press unit (2) and a heated drying cylinder (5) for dewatering the fiber web, and two endless rotating belts (3, 4) formed as a felt band and as a sifter band. The fiber web is in contact with the drying cylinder and is led below the belts through the gap. The permeability of the sifter band is 300-900 cfm. The storage volume of the sifter band is larger than 900 cm³/m². The bands run through the press gap. The sifter band is led away to the press gap by the felt band. The machine for the production of fiber web (1), comprises an elongated press gap formed between a shoe press unit (2) and a heated drying cylinder (5) for dewatering the fiber web, and two endless rotating belts (3, 4) formed as a felt band and as a sifter band. The fiber web is in contact with the drying cylinder and is led below the belts through the gap. The permeability of the sifter band is 300-900 cfm. The storage volume of the sifter band is larger than 900 cm³/m². The bands run through the press gap. The sifter band is led away to the press gap by the felt band and is dewatered after the press gap with compressed air. The fiber web jointly entangles a guide roller (8) with the felt band by the press gap. Mantle surface of the guide roller is closed and equipped with grooves and/or blind holes.

IPC 8 full level
D21F 3/02 (2006.01); **D21F 5/02** (2006.01); **D21F 11/14** (2006.01)

CPC (source: EP)
D21F 3/045 (2013.01); **D21F 5/02** (2013.01); **D21F 11/14** (2013.01)

Citation (search report)
See references of WO 2008003569A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102006030501 A1 20080103; EP 2038476 A1 20090325; WO 2008003569 A1 20080110

DOCDB simple family (application)
DE 102006030501 A 20060701; EP 07730078 A 20070612; EP 2007055749 W 20070612