

Title (en)

Former for forming a paper web.

Title (de)

Former für die Bildung einer Papierbahn.

Title (fr)

Forme pour la mise en feuille d'une bande de papier.

Publication

EP 0304098 A1 19890222 (EN)

Application

EP 88201361 A 19880630

Priority

SE 8702895 A 19870717

Abstract (en)

It has been found that a hybrid former having two open-surfaced forming rolls (5 and 7) in series after each other can give a paper web of excellent formation. To increase the drainage capacity without waiving the requirements for good formation, the sum of the wrapping angles (alpha and beta) of the fabrics (1 and 3) on the forming rolls (5 and 7) is larger than 165 DEG , the distance between the forming rolls (5 and 7) being smaller than about 0.1 D, where D is the diameter of the second forming roll (7) in the machine direction, and the free fabric length between the rolls (5 and 7) being between 0.1 m and 0.6 m. The forming rolls (5 and 7) may be located at substantially equal levels or substantially on top of each other. In the first case the first wrapping angle (alpha) preferably is larger than about 60 DEG , suitably 60 DEG - 70 DEG , and the second one (beta) preferably is larger than about 135 DEG , suitably 140 DEG - 170 DEG . In addition, in both cases the distance between the forming rolls (5 and 7) preferably is smaller than 0.1 m, suitably on the order of 0.06 m, and the free fabric length between the forming rolls (5 and 7) preferably is 0.3 - 0.4 m. The former is especially suited for the production of thick multilayer paper.

IPC 1-7

D21F 9/00

IPC 8 full level

D21F 11/04 (2006.01); **D21F 9/00** (2006.01); **D21F 9/02** (2006.01)

CPC (source: EP)

D21F 9/003 (2013.01)

Citation (search report)

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