

Title (en)  
TWIN-WIRE PAPER-WEB FORMER

Publication  
**EP 0489094 B1 19930310 (DE)**

Application  
**EP 90913173 A 19900809**

Priority  
• DE 3927597 A 19890822  
• EP 9001313 W 19900809

Abstract (en)  
[origin: WO9102842A1] Disclosed is a twin-wire former for the production of a paper web, in which two screens (11 and 12) together form a zone which is divided into three section (I, II and III). In the first section (I), the two screens (11, 12) run over a curved forming shoe (16) where they form a wedge-shaped inlet gate (15) with which a headbox (10) is directly associated. Abutting the lower screen (11) in the second section (II) are several flexibly mounted strips (27) and in the upper screen (12), between each of these strips (27), a rigidly mounted strip (28). In the third section (III), both screens (11, 12) run over a second curved forming shoe (23).

IPC 1-7  
**D21F 1/00**; **D21F 9/00**; **D21F 11/00**

IPC 8 full level  
**D21F 1/00** (2006.01); **D21F 1/52** (2006.01); **D21F 9/00** (2006.01); **D21F 9/02** (2006.01)

CPC (source: EP)  
**D21F 9/003** (2013.01)

Cited by  
EP2345761A2; US5573643A; DE19756203A1; US5607555A; US5635033A; DE10022110A1; DE10022110B4; EP1936026A1; US6267846B1; US6235158B1; EP1075568B1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**WO 9102842 A1 19910307**; BR 9007185 A 19911126; CA 2053239 A1 19910223; CA 2053239 C 19960625; DE 3927597 A1 19910228; DE 59001020 D1 19930415; EP 0489094 A1 19920610; EP 0489094 B1 19930310; EP 0489094 B2 19960814; ES 2040604 T3 19931016; ES 2040604 T5 19961016; JP 2898752 B2 19990602; JP H04507439 A 19921224; NO 178832 B 19960304; NO 178832 C 19960612; NO 914134 D0 19911021; NO 914134 L 19911021

DOCDB simple family (application)  
**EP 9001313 W 19900809**; BR 9007185 A 19900809; CA 2053239 A 19900809; DE 3927597 A 19890822; DE 59001020 T 19900809; EP 90913173 A 19900809; ES 90913173 T 19900809; JP 51212990 A 19900809; NO 914134 A 19911021