

Title (en)
WEB FORMING DEVICE

Title (de)
BLATTBILDUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE FORMATION DE BANDE

Publication
EP 2732095 B1 20190515 (DE)

Application
EP 12738433 A 20120716

Priority
• DE 202011103266 U 20110716
• EP 2012063880 W 20120716

Abstract (en)
[origin: WO2013010975A1] The invention relates to a sheet forming device (1) for a Fourdrinier machine (100) for producing a web of fibrous material (2), in particular a web of paper, card or packaging paper, from at least one fibrous material suspension (3). The sheet forming device (1) comprises at least one circulating endless wire (4), a headbox (6), which produces a machine-wide jet (J) of fibrous material suspension by way of a headbox nozzle (7) and applies it to the endless wire (4), and two format-delimiting units (13), respectively attached both in the peripheral region of the endless wire (4) and in the region of the jet (J) of fibrous material suspension, wherein the format-delimiting units (13) respectively have on the starting side at least one means (16) for detaching a peripheral strip (17) and on the outer side, and preferably directly downstream of the means (16) for detaching the peripheral strip (17), a means (18) for carrying away the detached peripheral strip (17). The invention is distinguished by the fact that the means (16) for detaching the peripheral strip (17) comprises a blade (19), consisting at least of a first blade region (19.1) and aligned in the running direction (L) of the endless wire, wherein the blade (19) has in relation to the endless wire an angle (W1) opening in the running direction (L) of the endless wire that lies in the range of 3° to 15°.

IPC 8 full level
D21F 1/56 (2006.01); **D21F 7/00** (2006.01)

CPC (source: EP)
D21F 1/56 (2013.01); **D21F 7/006** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 202011103266 U1 20110829; CN 103842584 A 20140604; CN 103842584 B 20151209; EP 2732095 A1 20140521;
EP 2732095 B1 20190515; WO 2013010975 A1 20130124; WO 2013010977 A1 20130124

DOCDB simple family (application)
DE 202011103266 U 20110716; CN 201280035338 A 20120716; EP 12738433 A 20120716; EP 2012063880 W 20120716;
EP 2012063883 W 20120716