

Title (en)  
BLADE ARRANGEMENT AND CROSS-CUTTING MACHINE

Title (de)  
MESSERANORDNUNG UND QUERSCHNEIDEMASCHINE

Title (fr)  
AGENCEMENT DE LAME ET MACHINE DE DÉCOUPE TRANSVERSALE

Publication  
**EP 3738732 A1 20201118 (EN)**

Application  
**EP 20171040 A 20200423**

Priority  
FI U20194070 U 20190515

Abstract (en)  
The invention relates to a blade arrangement 10 in a cutting roll 12 of a sheet cutter of a pulp drying machine 100. The cutting roll has a recess 16 comprising a counter surface 18 and fastening elements 21 for fastening the blade arrangement to the counter surface. The blade arrangement includes an elongated cutting blade 22 fastened in the recess for cutting a pulp sheet, an elongated guide strip 24 adapted to support the cutting blade against the counter surface and having openings 26 for fasteners 28 comprising a head 30 for fastening the guide strip to the counter surface. The guide strip includes a longitudinal blade recess 34 of the cutting blade, formed on the side opposite to the guide strip relative to the head of each fastener, adapted to lock the cutting blade between the guide strip and the counter surface by means of friction locking.

IPC 8 full level  
**B26D 1/38** (2006.01); **B26D 7/26** (2006.01)

CPC (source: CN EP)  
**B26D 1/0006** (2013.01 - CN); **B26D 1/285** (2013.01 - CN); **B26D 1/385** (2013.01 - EP); **B26D 7/0006** (2013.01 - CN);  
**B26D 7/2614** (2013.01 - CN); **B26D 7/2628** (2013.01 - EP); **B26D 7/265** (2013.01 - CN); **D21F 5/00** (2013.01 - CN);  
**B26D 2001/0033** (2013.01 - CN)

Citation (search report)  
• [X] WO 9323215 A1 19931125 - GRONBJERG IB [DK]  
• [A] US 3899947 A 19750819 - FALTIN HANS G

Cited by  
EP4108399A1; CN113635374A; AT526101A3; AT526101B1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3738732 A1 20201118**; **EP 3738732 B1 20240110**; CN 111941502 A 20201117; ES 2972064 T3 20240611; FI 12451 U1 20190815

DOCDB simple family (application)  
**EP 20171040 A 20200423**; CN 202010401103 A 20200513; ES 20171040 T 20200423; FI U20194070 U 20190515