

Title (en)
Leno selvedge forming device

Title (de)
Vorrichtung zum Bilden einer Dreherkante

Title (fr)
Dispositif pour la formation d'une lisière à pas de gaze

Publication
EP 1428916 A2 20040616 (DE)

Application
EP 03026454 A 20031120

Priority
DE 10257519 A 20021210

Abstract (en)
Each reed (10, 20) includes a magnet (18, 28) near the upper end. Polarity of the magnets is such that they attract. The reeds have upper and lower limbs (11, 21, 12, 22) and attachments (13, 23, 14, 24), with the magnets located in the upper transitions between them. A stop (19) is located in the transition between the upper limb (11) and the attachment (13), the magnet being located in the stop. The other reed has an offset (29) in the same location, with the magnet (28) arranged in the offset. Each lifter has a slot (12a, 22a) receiving a limb (31, 32) of the half-reed (30). At the slots, further magnets are arranged, in either attracting- or repelling orientations. Below the lower magnets, a rest (17, 27) is provided for the foot of the half-reed, matching its shape. The lower magnets are smaller than the upper magnets.

Abstract (de)
Vorrichtung (1) zum Bilden einer Dreherkante, umfassend zwei Hebelitzen (10, 20) und eine Halblitze (30), wobei die Hebelitzen (10, 20) am oberen und unteren Ende jeweils ein Befestigungselement (13, 23; 14, 24) aufweisen, wobei die Hebelitzen (10, 20) im Bereich des unteren Endes für den Fuß (31a, 32a) der Halblitze (30) mindestens einen Magnet aufweisen, wobei jede Hebelitze (10, 20) im Bereich des oberen Endes mindestens einen Magnet (18, 28) aufweist, wobei die Polung der Magnete (18, 28) der beiden Hebelitzen (10, 20) einer Dreherkantenvorrichtung derart ist, dass diese sich anziehen. <IMAGE>

IPC 1-7
D03C 7/02

IPC 8 full level
D03C 7/00 (2006.01); **D03C 7/02** (2006.01); **D03C 7/06** (2006.01)

CPC (source: EP US)
D03C 7/02 (2013.01 - EP US)

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

DOCDB simple family (publication)
US 2004108012 A1 20040610; US 6955191 B2 20051018; AT E364744 T1 20070715; CN 1296539 C 20070124; CN 1506508 A 20040623; DE 10257519 B3 20040401; DE 50307458 D1 20070726; DK 1428916 T3 20071001; EP 1428916 A2 20040616; EP 1428916 A3 20050209; EP 1428916 B1 20070613; ES 2287402 T3 20071216; HK 1062462 A1 20041105; JP 2004190213 A 20040708; JP 3849940 B2 20061122; PT 1428916 E 20070629; RU 2003135492 A 20050520; RU 2261945 C2 20051010; SI 1428916 T1 20071031

DOCDB simple family (application)
US 72726703 A 20031122; AT 03026454 T 20031120; CN 200310118287 A 20031209; DE 10257519 A 20021210; DE 50307458 T 20031120; DK 03026454 T 20031120; EP 03026454 A 20031120; ES 03026454 T 20031120; HK 04105349 A 20040721; JP 2003409572 A 20031208; PT 03026454 T 20031120; RU 2003135492 A 20031208; SI 200330868 T 20031120