

Title (en)
BLADE DEVICE

Title (de)
KLINGENVORRICHTUNG

Title (fr)
DISPOSITIF A LAME

Publication
EP 1533426 B1 20101103 (EN)

Application
EP 03717641 A 20030418

Priority
• JP 0304958 W 20030418
• JP 2002242463 A 20020822

Abstract (en)
[origin: EP1533426A1] At the back face of a main blade body (21) is provided mounting parts (38), each with a box structure having a mounting hole (40), which is opened in the width direction and with which the cross section in the direction intersecting the width direction is non-circular. At the back face of each width expansion blade body (22) is provided a fitting part (54), which is removably inserted into a mounting hole (40) of the main blade body (21). A latching member (23) is provided for latching of the fitting part (54) that has been fitted in the mounting hole (40). For width expansion, a fitting part (54) is fitted from the outer end side of a mounting hole (40) to position the width expansion blade body (22) at an end part of the main blade body (21). For housing, a fitting part (54) is fitted from the inner end side of a mounting hole (40) to house and position the width expansion blade body (22) at the back face side of the main blade body (21). In the width-expanded state, loads applied to a width expansion blade body (22) are received by the corresponding mounting part (38) with a box structure to lighten the burden placed on the latching member (23) and enable the latching member (23) to be attached and removed readily. <IMAGE>

IPC 8 full level
E02F 3/815 (2006.01)

CPC (source: EP US)
E02F 3/8155 (2013.01 - EP US)

Cited by
CN102587430A; EP2712965A1; EP1770221A3; EP3049583A4; EP1770221A2; US10267015B2; US11072907B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1533426 A1 20050525; EP 1533426 A4 20091021; EP 1533426 B1 20101103; DE 60334806 D1 20101216; JP 2004084176 A 20040318; JP 4002807 B2 20071107; US 2005126052 A1 20050616; WO 2004018783 A1 20040304

DOCDB simple family (application)
EP 03717641 A 20030418; DE 60334806 T 20030418; JP 0304958 W 20030418; JP 2002242463 A 20020822; US 51365305 A 20050111