Title (en)

Device for cutting up elongated work pieces

Title (de)

Trennanordnung zum Aufteilen von langgestreckter Werkstücke

Title (fr)

Dispositif pour couper des pièces allongées

Publication

EP 0956932 A3 20000614 (DE)

Application

EP 99108991 A 19990506

Priority

DE 19821556 A 19980514

Abstract (en)

[origin: EP0956932A2] A number of saw blades (SB) define parallel cutting planes extending in a direction perpendicular to the machine length direction. Wood is delivered to the saw blades via a feed region containing a number of parallel, elongated receiving parts (VA) for the wood being sawed up, extending at right angles to the machine length direction. The wood-receiving parts are moved around a continuous conveyor belt (FB) extending parallel to the cutting planes and used to transport the wood through the sawing region.

IPC 1-7 (main, further and additional classification)

B27B 5/22; B23D 45/10; B27B 25/04

IPC 8 full level (invention and additional information)

B27B 5/22 (2006.01)

CPC (invention and additional information)

B27B 5/228 (2013.01)

Citation (search report)

- [X] US 2569878 A 19511002 - AVINGER ERNEST C, et al
- [X] GB 671888 A 19520514 - JAN SESTAK
- [X] US 4259886 A 19810407 - SEID BOBBY P, et al
- [X] US 4005625 A 19770201 - BROCHU ANDRE, et al
- [A] US 4068549 A 19780117 - HUFFMAN JAMES EARLE

Cited by

EP2119538A1; CN105034111A; DE102010023688A1; CN104626275A; CN102357673A; EP2248643A1; DE202012010176U1; DE202008006710U1; DE202014103005U1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

EPO simple patent family

EP 0956932 A2 19991117; EP 0956932 A3 20000614; EP 0956932 B1 20030115; AT 231055 T 20030215; DE 19821556 A1 19991118

INPADOC legal status

2010-06-30 [PG25 DE] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO

- Ref Country Code : DE
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20091201

2010-01-29 [PG25 AT] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO

- Ref Country Code : AT
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20090506

2009-02-27 [PGFP AT] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE

- Ref Country Code : AT
- Payment date : 20081127
- Year of fee payment : 10

2009-01-30 [PGFP DE] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE

- Ref Country Code : DE
- Payment date : 20081127
- Year of fee payment : 10

2008-04-30 [PG25 FR] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO

- Ref Country Code : FR
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20060531

2007-03-23 [REG FR ST] NOTIFICATION OF LAPSE

- Effective date : 20070131

2007-01-16 [EUG] SE: EUROPEAN PATENT HAS LAPSED

2007-01-15 [REG CH PL] PATENT CEASED

2006-05-31 [PG25 CH] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : CH
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20060531

2006-05-31 [PG25 LI] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : LI
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20060531

2006-05-07 [PG25 SE] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : SE
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20060507

2006-05-06 [PG25 FI] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : FI
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20060506

2005-05-24 [PGFP CH] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : CH
- Payment date : 20050524
- Year of fee payment : 7

2005-05-24 [PGFP SE] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : SE
- Payment date : 20050524
- Year of fee payment : 7

2005-05-23 [PGFP FI] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : FI
- Payment date : 20050523
- Year of fee payment : 7

2005-05-19 [PGFP FR] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : FR
- Payment date : 20050519
- Year of fee payment : 7

2004-01-07 [26N] NO OPPOSITION FILED
- Effective date : 20031016

2003-08-20 [REG IE FD4D] EUROPEAN PATENTS DESIGNATING IRELAND TREATED AS ALWAYS HAVING BEEN VOID
- Document : IE 0956932E

2003-08-15 [ET] FR: TRANSLATION FILED

2003-07-16 [GBV] GB: EP PATENT (UK) TREATED AS ALWAYS HAVING BEEN VOID IN ACCORDANCE WITH GB SECTION 77(7)/1977
- Effective date : 20030115

2003-04-15 [PG25 DK] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : DK
- Free text : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT
- Effective date : 20030415

2003-04-08 [REG SE TRGR] TRANSLATION OF GRANTED EP PATENT

2003-02-20 [REF] CORRESPONDS TO:
- Document : DE 59904013 P 20030220

2003-02-19 [REG IE FG4D] EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
- Free text : GERMAN

2003-02-14 [REG CH NV] NEW AGENT
- Representative's name : RIEDERER HASLER & PARTNER PATENTANWAELTE AG

2003-01-15 [AK] DESIGNATED CONTRACTING STATES:
- Kind Code of Ref Document : B1
- Designated State(s) : AT CH DE DK FI FR GB IE LI SE

2003-01-15 [REG CH EP] ENTRY IN THE NATIONAL PHASE

2003-01-15 [REG GB FG4D] EUROPEAN PATENT GRANTED
- Free text : NOT ENGLISH

2003-01-15 [PG25 GB] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : GB
- Free text : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT
- Effective date : 20030115

2003-01-15 [PG25 IE] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : IE
- Free text : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT
- Effective date : 20030115

2001-10-17 [17Q] FIRST EXAMINATION REPORT
- Effective date : 20010903

2001-02-21 [AKX] PAYMENT OF DESIGNATION FEES
- Free text : AT CH DE DK FI FR GB IE LI SE

2000-08-02 [17P] REQUEST FOR EXAMINATION FILED
- Effective date : 20000608

2000-06-14 [AK] DESIGNATED CONTRACTING STATES:
- Kind Code of Ref Document : A3
- Designated State(s) : AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

2000-06-14 [AX] REQUEST FOR EXTENSION OF THE EUROPEAN PATENT TO:
- Free text : AL;LT;LV;MK;RO;SI

2000-06-14 [RIC1] CLASSIFICATION (CORRECTION)
- Free text : 7B 27B 5/22 A, 7B 27B 25/04 B, 7B 23D 45/10 B

2000-01-19 [RIN1] INVENTOR CHANGED BEFORE GRANT
- Inventor name : GUTSER FRANZ

2000-01-19 [RIN1] INVENTOR CHANGED BEFORE GRANT
- Inventor name : GUTSER MANUEL

1999-11-17 [AK] DESIGNATED CONTRACTING STATES:
- Kind Code of Ref Document : A2
- Designated State(s) : AT CH DE DK FI FR GB IE LI SE

1999-11-17 [AX] REQUEST FOR EXTENSION OF THE EUROPEAN PATENT TO:
- Free text : AL;LT;LV;MK;RO;SI