

Title (en)
Cross rolling mill

Title (de)
Querwalzmaschine

Title (fr)
Laminoir transversal

Publication
EP 1256399 A1 20021113 (DE)

Application
EP 02009712 A 20020430

Priority
DE 10122595 A 20010510

Abstract (en)
Cross-rolling machine comprises two commonly driven rollers located in a frame and rotating in the same direction. The rollers are provided on their periphery with working surfaces forming tools. The roller pair are mechanically coupled using a machine frame (2a, 2b) formed as a module and are driven by a common drive (15a, 15b).

Abstract (de)
Bei einer Querwalzmaschine (2), umfassend zwei in einem Maschinenrahmen (2a,2b) gelagerte, in gleicher Drehrichtung rotierende, gemeinsam angetriebene Walzen (1), die auf ihrem Umfang mit Werkzeugen (6) bildenden Arbeitsflächen versehen sind, sind die Walzenpaare (1) von zwei in Modulbauweise ausgeführten Maschinenrahmen (2a,2b) mechanisch miteinander gekoppelt und von einem gemeinsamen Antrieb (14,15a,15b,16a,16b) angetrieben.

IPC 1-7
B21H 8/02; B21H 1/18

IPC 8 full level
B21B 27/02 (2006.01); **B21B 13/18** (2006.01); **B21B 31/00** (2006.01); **B21B 31/20** (2006.01); **B21H 1/00** (2006.01); **B21H 1/18** (2006.01); **B21H 8/00** (2006.01); **B21H 8/02** (2006.01); **B21B 13/00** (2006.01); **B21B 21/02** (2006.01); **B21B 35/12** (2006.01); **B21B 35/14** (2006.01); **B21H 1/22** (2006.01)

CPC (source: EP)
B21H 1/18 (2013.01); **B21B 21/02** (2013.01); **B21B 35/12** (2013.01); **B21B 35/14** (2013.01); **B21B 2013/006** (2013.01); **B21H 1/22** (2013.01); **B21H 8/00** (2013.01); **B21H 8/02** (2013.01)

Citation (search report)
• [DA] DE 4301314 A1 19940721 - BECHE & GROHS GMBH [DE]
• [A] US 3391562 A 19680709 - CLIFFORD STURDY

Cited by
DE10319258A1; DE10319258B4; DE10316249B4; DE10362061B4; EP2340898A2; EP1454684A2; US7225656B2; US7406853B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1256399 A1 20021113; EP 1256399 B1 20040818; AT E273764 T1 20040915; CZ 20021621 A3 20030115; CZ 295634 B6 20050914; DE 10122595 A1 20021121; DE 10122595 C2 20030515; DE 50200843 D1 20040923; ES 2227355 T3 20050401; JP 2003025004 A 20030128; JP 3757188 B2 20060322

DOCDB simple family (application)
EP 02009712 A 20020430; AT 02009712 T 20020430; CZ 20021621 A 20020509; DE 10122595 A 20010510; DE 50200843 T 20020430; ES 02009712 T 20020430; JP 2002134500 A 20020509