

Title (en)
Cross rolling mill

Title (de)
Querwalzmaschine

Title (fr)
Laminoir transversal

Publication
EP 1256398 B1 20040818 (DE)

Application
EP 02009711 A 20020430

Priority
DE 10122594 A 20010510

Abstract (en)
[origin: EP1256398A1] 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 tool (6) is formed as a half-shell (5) and is arranged on a tool support (4). The tool support is connected to a roller axle (3) to form a fixed roller unit (1). Preferred Features: The support recess has a square cross-section and the roller axis is formed with a complementary square section (10).

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

IPC 8 full level
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 8/02** (2006.01); **B21B 21/02** (2006.01); **B21B 27/02** (2006.01); **B21B 31/08** (2006.01); **B21H 1/22** (2006.01)

CPC (source: EP)
B21H 1/18 (2013.01); **B21B 21/02** (2013.01); **B21B 27/02** (2013.01); **B21B 31/08** (2013.01); **B21H 1/22** (2013.01); **B21H 8/02** (2013.01)

Cited by
DE112009001393B4; EP3335814A1; US8557047B2; WO2009149916A1

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 1256398 A1 20021113; **EP 1256398 B1 20040818**; AT E273763 T1 20040915; CZ 20021620 A3 20030115; CZ 295633 B6 20050914; DE 10122594 A1 20021121; DE 10122594 C2 20030327; DE 50200842 D1 20040923; ES 2227354 T3 20050401; JP 2003025003 A 20030128; JP 3802444 B2 20060726

DOCDB simple family (application)
EP 02009711 A 20020430; AT 02009711 T 20020430; CZ 20021620 A 20020509; DE 10122594 A 20010510; DE 50200842 T 20020430; ES 02009711 T 20020430; JP 2002134499 A 20020509