

Title (en)
Driving device for rolled strips

Title (de)
Treiber für Walzbänder

Title (fr)
Dispositif d'entraînement pour bandes laminées

Publication
EP 0747147 B2 20060329 (DE)

Application
EP 96108296 A 19960524

Priority
DE 19520709 A 19950609

Abstract (en)
[origin: EP0747147A2] Drive roller in a feeder roll device is connected to a pair of rocker arms (15) each having their own pressure cylinder (8). For feeding metal sheet and strip. The upper roll can be easily adjusted.

IPC 8 full level
B21C 47/34 (2006.01); **B65H 23/10** (2006.01); **B21B 31/00** (2006.01); **B21B 39/00** (2006.01); **B21B 39/08** (2006.01); **B21C 47/00** (2006.01); **B21D 43/09** (2006.01); **B65H 20/02** (2006.01)

CPC (source: EP KR US)
B21B 39/006 (2013.01 - EP US); **B21B 39/16** (2013.01 - KR); **B21C 47/34** (2013.01 - EP US); **B21C 47/3441** (2013.01 - EP US); **B65H 20/02** (2013.01 - EP US)

Cited by
WO2012045607A1; CN103282136A; DE102004016204A1; DE102004016204B4; EP2740549A1; US10072701B2; WO2012175277A1; WO2014086527A1; WO2008037408A1; US9132460B2; EP1763479B2

Designated contracting state (EPC)
AT BE DE ES FI FR GB IT NL SE

DOCDB simple family (publication)
EP 0747147 A2 19961211; EP 0747147 A3 19961218; EP 0747147 B1 20010207; EP 0747147 B2 20060329; AT E199068 T1 20010215; CA 2177342 A1 19961210; CA 2177342 C 20070116; CN 1071692 C 20010926; CN 1145871 A 19970326; DE 19520709 A1 19961212; DE 59606416 D1 20010315; ES 2154363 T3 20010401; ES 2154363 T5 20061001; JP 3895803 B2 20070322; JP H08332512 A 19961217; KR 100415738 B1 20040330; KR 970000375 A 19970121; MY 119371 A 20050531; RU 2179084 C2 20020210; TW 302308 B 19970411; US 5961022 A 19991005

DOCDB simple family (application)
EP 96108296 A 19960524; AT 96108296 T 19960524; CA 2177342 A 19960610; CN 96110308 A 19960607; DE 19520709 A 19950609; DE 59606416 T 19960524; ES 96108296 T 19960524; JP 14430196 A 19960606; KR 19960018471 A 19960529; MY PI9602037 A 19960529; RU 96110400 A 19960527; TW 85106093 A 19960523; US 65789696 A 19960607