

Publication

EP 0747147 A3 19961218

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 1-7

B21C 47/34; **B21B 39/00**; **B21D 43/09**; **B65H 20/02**

IPC 8 full level

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); **B21C 47/34** (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)

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Designated contracting state (EPC)

AT BE DE ES FI FR GB IT NL SE

DOCDB simple family (publication)

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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