

Title (en)

GRIPPER FEEDER FOR METAL STRIP

Title (de)

GREIFER-ZUFÜHRVORRICHTUNG FÜR METALLSTREIFEN

Title (fr)

CONVOYEUR A PINCES POUR BANDE METALLIQUE

Publication

EP 1360020 A1 20031112 (EN)

Application

EP 01273715 A 20011015

Priority

- EP 0111866 W 20011015
- IT VE20010011 A 20010213

Abstract (en)

[origin: WO02064281A1] A gripper feeder for metal strip comprising on a base: at least two grippers (10, 10') for engaging a metal strip (29) to be advanced, members for moving said grippers in a direction parallel to the axis of said strip, means for independently operating said grippers, a control centre for controlling said gripper mover members, characterised in that said mover members consist of at least two motors (4, 4'; 30, 30'), the operation of which is controlled in such a manner that when the gripper which retains the strip moves in one direction, the other gripper is deactivated and moves initially with greater speed in the opposite direction, then reverses its travel direction and reaches the speed of the first gripper, said first gripper slackening its grip when the second gripper intervenes to grip the strip.

IPC 1-7

B21D 43/11; **B65H 20/16**; **B23Q 5/28**; **B23Q 7/04**

IPC 8 full level

B21D 43/11 (2006.01); **B23Q 7/04** (2006.01); **B65H 20/16** (2006.01)

CPC (source: EP)

B21D 43/11 (2013.01); **B23Q 7/048** (2013.01); **B65H 20/16** (2013.01)

Citation (search report)

See references of WO 02064281A1

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)

WO 02064281 A1 20020822; EP 1360020 A1 20031112; IT VE20010011 A1 20020813

DOCDB simple family (application)

EP 0111866 W 20011015; EP 01273715 A 20011015; IT VE20010011 A 20010213