

Title (en)
Device and method for feeding articles

Title (de)
Vorrichtung und Verfahren zum Zuführen von Gegenständen

Title (fr)
Dispositif et procédé d'alimentation d'articles

Publication
EP 1155996 A3 20030102 (DE)

Application
EP 01108246 A 20010331

Priority
DE 10017259 A 20000406

Abstract (en)
[origin: DE10017259A1] The device has a first conveyor device (5) moving at a constant or cyclically varying speed (v1) and a second conveyor device (6) arranged between the first conveyor device and a front edge abutment (3) of the processing machine. The second conveyor device is formed as an endless belt (8) and takes up the foremost metal sheet (4') from the first conveyor device at a slower speed (v2). The second conveyor device is formed as an endless belt (8) and takes up the foremost metal sheet (4') from the first conveyor device at a slower speed (v2) and slides the metal sheet on a base (27) or output to a unit that guides the metal sheet to rest against the front edge abutment. Alternatively, the belt may decelerate the metal sheet to guide it against the front edge abutment. An Independent claim is included for a method for using the device.

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B65H 29/68; **B65H 9/14**; **B65H 5/22**

IPC 8 full level
B65H 29/66 (2006.01); **B65H 5/22** (2006.01); **B65H 9/00** (2006.01); **B65H 9/14** (2006.01); **B65H 29/68** (2006.01)

CPC (source: EP US)
B65H 5/24 (2013.01 - EP US); **B65H 9/14** (2013.01 - EP US); **B65H 11/005** (2013.01 - EP US); **B65H 11/007** (2013.01 - EP US); **B65H 29/6654** (2013.01 - EP US); **B65H 2301/44332** (2013.01 - EP US); **B65H 2301/44336** (2013.01 - EP US); **B65H 2301/4473** (2013.01 - EP US); **B65H 2301/44732** (2013.01 - EP US); **B65H 2406/32** (2013.01 - EP US); **B65H 2511/22** (2013.01 - EP US); **B65H 2513/10** (2013.01 - EP US); **B65H 2701/173** (2013.01 - EP US)

Citation (search report)
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• [A] DE 19645239 A1 19980507 - ROLAND MAN DRUCKMASCH [DE]
• [A] DE 1152707 B 19630814 - MABEG MASCHB G M B H NACHF HEN

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EP1582490A1; US7401777B2; WO03066490A3

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)
DE 10017259 A1 20011018; **DE 10017259 B4 20061026**; DE 50105279 D1 20050317; DE 50115104 D1 20091022; EP 1155996 A2 20011121; EP 1155996 A3 20030102; EP 1155996 B1 20050209; EP 1510489 A2 20050302; EP 1510489 A3 20050420; EP 1510489 B1 20090909; ES 2236074 T3 20050716; ES 2331244 T3 20091228; JP 2001354348 A 20011225; US 2002008003 A1 20020124; US 6575460 B2 20030610

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