

Title (en)

Device to convey parts for assembly.

Title (de)

Vorrichtung für die Zuführung von Montageteilen.

Title (fr)

Dispositif de transport pour des parties d'assemblage.

Publication

EP 0672359 A3 19960619 (DE)

Application

EP 95102128 A 19950216

Priority

DE 4408694 A 19940315

Abstract (en)

[origin: EP0672359A2] The feed device has the assembly components for cooperating upper and lower tools of an assembly machine supplied along a feed channel via a feed rod (19) attached to a carriage (20), reciprocated in the feed direction by a central crank mechanism. Pref. the crank mechanism is positioned beneath the carriage between the front and rear reversal points, with the coupling between the crank mechanism and th carriage provided by a roller (23) moved along a curved cam slot (22) attached to the carriage.

IPC 1-7

A41H 37/00

IPC 8 full level

A41H 37/04 (2006.01); **A41H 37/00** (2006.01); **B30B 1/14** (2006.01)

CPC (source: EP KR US)

A41H 37/00 (2013.01 - EP KR US); **B30B 1/14** (2013.01 - EP KR US); **Y10T 74/18256** (2015.01 - EP US)

Citation (search report)

- [A] US 1373500 A 19210405 - GLASS PERLEY R
- [DA] WO 9312680 A1 19930708 - SCHAEFFER GMBH [DE]
- [A] US 2939145 A 19600607 - LUNDEBERG EDGAR C
- [A] US 5048741 A 19910917 - TOISHI YOSHIYUKI [JP], et al
- [A] US 3069688 A 19621225 - HEIL EDWARD K
- [A] GB 1051361 A
- [A] GB 368581 A 19320310 - GASTON ERNEST GOBIN DAUDE
- [A] US 2559278 A 19510703 - CATLIN JOHN P, et al

Cited by

CN103519467A; CN103504680A

Designated contracting state (EPC)

BE CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0672359 A2 19950920; EP 0672359 A3 19960619; EP 0672359 B1 19990407; EP 0672359 B2 20041208; BR 9501072 A 19951024; DE 4408694 C1 19951026; DE 59505550 D1 19990512; JP H07316911 A 19951205; KR 0151714 B1 19981015; KR 950030893 A 19951218; US 5588326 A 19961231

DOCDB simple family (application)

EP 95102128 A 19950216; BR 9501072 A 19950314; DE 4408694 A 19940315; DE 59505550 T 19950216; JP 8855295 A 19950310; KR 19950005105 A 19950313; US 40464695 A 19950315