

Title (en)  
Blank feeder

Title (de)  
Zuschnittfördervorrichtung

Title (fr)  
Alimentation en flans

Publication  
**EP 0590732 B1 19970416 (EN)**

Application  
**EP 93202787 A 19930929**

Priority  
JP 6778092 U 19920929

Abstract (en)  
[origin: EP0590732A1] A blank feeder for feeding blanks B to a pair of blank bottom forming mandrel wheels arranged in parallel comprises a pair of right and left feed units corresponding to the respective mandrel wheels. Each of the feed units comprises a magazine having at a front end thereof a forward outlet opposed to the corresponding mandrel wheel from behind for accommodating a multiplicity of blanks B as closely arranged side by side from the front end rearward, the blanks B being folded flat so as to be unfoldable to a tubular form of square to rectangular cross section, means for taking out the blanks B in the magazine successively one by one from the foremost position through the outlet while unfolding the blank to the tubular form, and means for transporting the taken-out tubular blank B to the corresponding mandrel wheel. The magazines of the rights and left feed units are so arranged that the center lines R and L of the magazines with respect to the width thereof extend away from each other rearward approximately in a V-form when seen from above. <IMAGE>

IPC 1-7  
**B65B 43/18**

IPC 8 full level  
**B31B 50/04** (2017.01); **B65B 43/14** (2006.01); **B65B 43/18** (2006.01)

CPC (source: EP)  
**B65B 43/145** (2013.01)

Cited by  
WO0064739A3

Designated contracting state (EPC)  
CH DE DK GB LI NL SE

DOCDB simple family (publication)  
**EP 0590732 A1 19940406; EP 0590732 B1 19970416**; DE 69309832 D1 19970522; DE 69309832 T2 19970821; DK 0590732 T3 19970512; JP 2555462 Y2 19971126; JP H0629826 U 19940419

DOCDB simple family (application)  
**EP 93202787 A 19930929**; DE 69309832 T 19930929; DK 93202787 T 19930929; JP 6778092 U 19920929