

Title (en)  
APPARATUS FOR APPLYING DRINKING STRAWS TO BEVERAGE POUCHES

Title (de)  
Vorrichtung zum Anbringen von Trinkhalmen an Getränkebeuteln

Title (fr)  
APPAREIL POUR APPLIQUER DES PAILLES A DES SACHETS POUR BOISSONS

Publication  
**EP 1095862 B1 20060315 (DE)**

Application  
**EP 00122890 A 20001020**

Priority  
DE 19952008 A 19991028

Abstract (en)  
[origin: EP1095862A1] The appts. to mount drinking straws at beverage cartons (3), with standing bases, has a drinking straw transfer unit which is pitched at an acute angle (  $\alpha$  ) to the carton conveyor path (4a), which matches the angle of the carton surface (3a) on the conveyor path (4a) to carry the drinking straw (2). The straw transfer unit has a rotating transfer drum (6) on a center axis (6a) pitched at the transfer angle (  $\alpha$  ), with the drinking straws (2) around its circumference.

IPC 8 full level  
**B65B 61/20** (2006.01); **B65B 61/22** (2006.01)

CPC (source: EP KR US)  
**B65B 61/20** (2013.01 - KR); **B65B 61/205** (2013.01 - EP US)

Citation (examination)  
US 4574558 A 19860311 - UTSUMI YOSHIKAZU [JP]

Cited by  
US9818331B2; EP1607334A1; EP1354800A1; EP1462374A3; HRP20030217B1; US7395927B2; US7891395B2; US9527618B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1095862 A1 20010502; EP 1095862 B1 20060315**; AT E320379 T1 20060415; CN 1191968 C 20050309; CN 1294078 A 20010509; CY 1105042 T1 20100303; DE 19952008 A1 20010510; DE 50012399 D1 20060511; DK 1095862 T3 20060606; ES 2258435 T3 20060901; HK 1036784 A1 20020118; ID 27949 A 20010503; JP 2001171625 A 20010626; JP 3906023 B2 20070418; KR 100432806 B1 20040522; KR 20010077906 A 20010820; MX PA00010527 A 20020424; PT 1095862 E 20060630; TW 491265 U 20020611; US 2011036053 A1 20110217; US 7946098 B1 20110524; US 8250834 B2 20120828

DOCDB simple family (application)  
**EP 00122890 A 20001020**; AT 00122890 T 20001020; CN 00133173 A 20001027; CY 061100705 T 20060601; DE 19952008 A 19991028; DE 50012399 T 20001020; DK 00122890 T 20001020; ES 00122890 T 20001020; HK 01107768 A 20011106; ID 20000921 A 20001027; JP 2000331267 A 20001030; KR 20000063748 A 20001028; MX PA00010527 A 20001026; PT 00122890 T 20001020; TW 91201178 U 20001205; US 69040900 A 20001017; US 91142610 A 20101025