

Title (en)

METHOD AND DEVICE FOR APPLYING DRINKING STRAWS TO BEVERAGE CONTAINERS, ESPECIALLY TO BEVERAGE BAGS

Publication

**EP 0149076 A3 19861008 (DE)**

Application

**EP 84114448 A 19841129**

Priority

DE 3401214 A 19840114

Abstract (en)

[origin: US4572758A] A straw attachment apparatus for attaching drinking straws to beverage containers. A carrier member has a first and a second surface. The carrier member supports a plurality of straws in substantially parallel alignment with each other on the first surface of the carrier. An adhesive is secured to the second surface of the carrier member and a container assembly supplies a plurality of beverage containers into registry with the adhesive on the second surface of the carrier member so that the straws are adhesively secured to the beverage containers.

IPC 1-7

**B65B 61/20**

IPC 8 full level

**B65B 61/20** (2006.01)

CPC (source: EP US)

**B65B 61/205** (2013.01 - EP US); **Y10T 156/1062** (2015.01 - EP US); **Y10T 156/1075** (2015.01 - EP US); **Y10T 156/1339** (2015.01 - EP US)

Citation (search report)

- [Y] GB 2121756 A 19840104 - DAINIPPON PRINTING CO LTD [JP]
- [Y] US 4210484 A 19800701 - CRANKSHAW MICHAEL [US], et al
- [A] BE 680466 A 19661103
- [A] FR 2249805 A1 19750530 - MAYER & CO INC O [US]
- [A] US 3300945 A 19670131 - GROSSI LEWIS G, et al
- [A] EP 0035645 A1 19810916 - TETRA PAK INT [SE]

Cited by

DE19952008A1; EP0909710A1; US5979142A; CN1085170C; EP0611028A1; EP1095862A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0149076 A2 19850724**; **EP 0149076 A3 19861008**; **EP 0149076 B1 19880420**; AT E33604 T1 19880515; DE 3401214 A1 19850725; DE 3401214 C2 19870820; DE 3470508 D1 19880526; JP S60148437 A 19850805; JP S6159976 B2 19861218; US 4572758 A 19860225

DOCDB simple family (application)

**EP 84114448 A 19841129**; AT 84114448 T 19841129; DE 3401214 A 19840114; DE 3470508 T 19841129; JP 8630584 A 19840501; US 68721284 A 19841228