

Title (en)

Device for applying labels on conical surfaces of objects, particularly of plastic cups.

Title (de)

Vorrichtung zum Aufkleben von Etiketten auf konische Umfangsflächen von Gegenständen, insbesondere Bechern.

Title (fr)

Dispositif pour l'application d'étiquettes sur des surfaces coniques d'objets, notamment des gobelets.

Publication

EP 0501105 B1 19931118 (DE)

Application

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Priority

DE 4106387 A 19910228

Abstract (en)

[origin: EP0501105A1] The invention relates to a device for adhering labels (2) to conical circumferential surfaces of objects, especially cups (4), characterised in that the device has a label transfer drum (20) having a conical circumferential surface (22), which drum is to be set into rotation about its axis (18) and in which drum suction openings (24) for suction of labels (2) fed individually from a feed station (26) are disposed, and in that the conical circumferential surface (22) of this drum (20) extends in the direction of travel of the sucked labels in an adhesion station next to the conical circumferential surface (28) of a fed object (4), which is rotatable about its axis of conicity (30) at circumferential velocities that are substantially equal to the circumferential velocities of the drum (20) in the mutually opposing regions of the object and the drum. <IMAGE>

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IPC 8 full level

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Cited by

EP0895937A1; DE4409952C1; CN104229247A; EP0806365A1; DE19524967A1; EP1129952A3; CN110498102A; CN113978871A; RU2650164C2; EP1179481A1; CN110356698A; US7269930B2; WO0003919A1; US6571673B2; WO2014040741A1

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