

Title (en)

Machine for applying parts to material

Title (de)

Vorrichtung zum Anbringen von Teilen an einem Material

Title (fr)

Machine pour appliquer des pièces sur un matériau

Publication

EP 1293435 A1 20030319 (EN)

Application

EP 02025988 A 19981026

Priority

- EP 98951567 A 19981026
- US 6309697 P 19971024

Abstract (en)

In an off-line, free-standing, parts-orienting and - feeding device 16, selected parts are fed by a hopper 26 to, and oriented in, a centrifugal or vibratory parts feeder unit 22, and then discharged to a programmed transferring arrangement. The latter includes a slide shuttle unit for alternately receiving discharged parts in a plurality of passages and aligning the parts-receiving passages with one or more pressurized air passages to blow the parts through selected transfer tubes 14 to pick-and-placement devices 74 which serve to place the parts continually one-at-a-time on packaging materials being processed on one or more packaging machines 10. Limit devices 72 on each transfer tube 14 signal the slide shuttle unit to realign the parts-receiving passages with the pressurized air passage(s), to provide parts as required by the or each machine 10. <IMAGE>

IPC 1-7

B65B 61/18; B31B 1/84

IPC 8 full level

B65B 61/18 (2006.01)

CPC (source: EP)

B65B 61/186 (2013.01)

Citation (applicant)

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- US 4788811 A 19881206 - KAWAJIRI RYOICHI [JP], et al
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Citation (search report)

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DE GB IT SE

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