

Title (en)

Apparatus for forming rows and layers of bottles.

Title (de)

Vorrichtung zum Bilden von Reihen und Lagen von Flaschen.

Title (fr)

Appareil pour former des rangées et couches de bouteilles.

Publication

EP 0472909 B1 19950125 (DE)

Application

EP 91112448 A 19910724

Priority

DE 4027336 A 19900829

Abstract (en)

[origin: EP0472909A1] An apparatus for forming rows of bottles and for forming bottle layers (L) from these rows, for example for conveying bottles away from a bottle-producing machine and for palletising the bottle layers (L). The apparatus has a feed table (8), on which the bottles are distributed into a plurality of channels (4) by means of a distributor device (6). Individual bottle layers (L) are separated from the so formed bottle rows by means of a layer separator (3.1, 3.2). The bottle rows are pushed together by means of a transverse displacement device (2), in such a way that the spacing between the individual rows is eliminated and the bottles bear against one another in a staggered manner. This makes it possible to obtain a rapid transfer of the bottles into the bottle layers (L), without defects occurring and without bottles tipping over. <IMAGE>

IPC 1-7

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CPC (source: EP)

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Cited by

CN106238405A; DE29818293U1; CN105438537A; DE29807325U1; CN110466824A; ES2234367A1; CN105523218A; AT501825A1; AT501825B1; DE4405227A1; CN104443497A; US6688839B1; DE102021129347A1; WO2023083593A1

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