

Title (en)

Apparatus for feeding and reversing of trays loaded with kitchen utensils.

Title (de)

Vorrichtung zum Zuführen und Wenden von mit Geschirrtteilen beladenen Tablett.

Title (fr)

Dispositif d'alimentation et de retournement des plateaux chargés de vaisselle.

Publication

**EP 0512279 B1 19951025 (DE)**

Application

**EP 92106376 A 19920414**

Priority

DE 4114552 A 19910504

Abstract (en)

[origin: EP0512279A1] A turning and sorting apparatus for trays (13) loaded with crockery (14) is described. This apparatus is provided with a loading conveyor (1, 3), which feeds the trays (13) to the lower end (Y) of a semicircular turning path (2), and with outgoing conveying apparatuses (11, 12) at the upper end of the conveying path (2) which is bounded laterally by stationary, curved rails and on the inside towards the centre point (5) of curvature by a continuous inner belt (7) and which is open towards the outside. The inner belt (7) is fitted evenly with outwardly projecting bars (8). For more reliable guiding of trays with the crockery and a more sturdy design of the drive of the overall apparatus, provision is made for the loading conveyor (1, 3) to be constructed as a chain conveyor belt (3) which is driven in continuous circulation and is made integrally up to the upper end (X) of the turning path (2). In the region (from Y to X) of the turning path (2), said chain conveyor belt is guided by chain rails mounted on each side of said turning path. <IMAGE>

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IPC 8 full level

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**EP 0512279 A1 19921111; EP 0512279 B1 19951025**; AT E129394 T1 19951115; DE 4114552 A1 19921105; DE 59204093 D1 19951130; ES 2078575 T3 19951216; US 5421690 A 19950606; US 5564882 A 19961015

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