

Title (en)

FABRICATION SYSTEM FOR THE AUTOMATIC WORKING OF METAL WORKPIECES

Publication

EP 0252084 B1 19890412 (DE)

Application

EP 86901837 A 19860227

Priority

DE 3509006 A 19850313

Abstract (en)

[origin: WO8605422A1] The system is used for the automated working of metal sheets. The latter are placed in stacks (7) on pallets (6) and transferred to a pallet store (4) in the form of a high rack, assigned to each working machine (1). Between this pallet store (4) and the working machine is a conveyor device (9) which is movable up and down, which receives each pallet (6) together with a sheet metal stack (7) or gives back an empty pallet (6). This conveyor device (9) contains an individual separation device (11), for example in the form of suction heads (20) which lift the upper sheet, place it on a sheet support table (23) and from there bring it to the working machine. In order to make it easier to separate the sheets from one another, magnets (18) are arranged in such a way that through their influence they separate the forward parts of the sheets from each other.

IPC 1-7

B21D 43/24

IPC 8 full level

B21D 43/24 (2006.01)

CPC (source: EP US)

B21D 43/24 (2013.01 - EP US)

Citation (examination)

- Tooling & Production, Band 51, Nr. 9, Dezember 1985, Solon, Ohio (US), "Flexible fabricating syste, useful for short runs"
- VD1-Z, Nr. 3, März 1979, Düsseldorf (DE), G. Vettin: "Flexibel automatisierte Fertigungsanlagen"

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DOCDB simple family (publication)

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DOCDB simple family (application)

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