

Title (en)

METHOD FOR LOADING AND UNLOADING A CASSETTE

Title (de)

BELADE- UND ENTLADEVERFAHREN FÜR EINE PROZESSCASSETTE

Title (fr)

PROCÉDÉ DE CHARGEMENT ET DE DÉCHARGEMENT D'UNE CASSETTE DE PROCESSUS

Publication

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Application

**EP 11833588 A 20111111**

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- DE 2011001977 W 20111111

Abstract (en)

[origin: WO2012062288A2] The present invention relates to a method for loading and unloading a cassette which is used, for example, in plasma-coating processes, wherein the following method steps are carried out: a. supplying a cassette (1) which can be dismantled and assembled by means of a dismantling and assembling robot, b. automatically dismantling the cassette such that the floors (2) of the cassette are present in a separated state, c. feeding and assigning the floors (2) to at least one fitting machine, which fits the floors (2) with workpieces which are to be processed, d. assembling the fitted floors (2) to form the cassette (1), e. feeding the cassette (1) to the location at which the process is to be carried out, f. carrying out the process, g. feeding the cassette (1) to the dismantling and assembling robot or a further dismantling and assembling robot, h. dismantling the cassette such that the floors (2) of the cassette are present in a separated state, and i. automatically removing the processed workpieces.

IPC 8 full level

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CPC (source: EP KR US)

**B05B 5/082** (2013.01 - KR US); **C23C 16/458** (2013.01 - KR US); **H01L 21/6723** (2013.01 - KR); **H01L 21/6773** (2013.01 - KR); **H01L 21/67772** (2013.01 - EP KR US); **Y10T 29/49815** (2015.01 - EP US)

Citation (search report)

See references of WO 2012062288A2

Citation (examination)

- US 2006245871 A1 20061102 - LO WEN-MING [TW], et al
- US 2002014390 A1 20020207 - SHINOZUKA MASAMITSU [JP]

Designated contracting state (EPC)

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