

Title (en)
FILLING MACHINE

Title (de)
FÜLLMASCHINE

Title (fr)
MACHINE DE REMPLISSAGE

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Application
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Abstract (en)
[origin: WO2012013255A1] The invention relates to a filling machine for filling containers (2) with a liquid filling material, comprising a plurality of filling elements (6, 6a), which each form a filling point (4, 4a) and which fill the containers (2) arranged at the filling points (4, 4a). The filling elements (6, 6a), which are provided on a transport element, for example on a rotor (3, 3a), each have at least one liquid channel (10), which is connected to a product line for supplying the filling material and is designed in a filling element housing (9), and which forms at least one dispensing opening for the filling material and is arranged in the at least one liquid valve (15), and at least one measuring system (13), which determines the filling height and/or filling material amount and/or the filling material volume in the particular container (2) and which is provided separately for each filling element (6, 6a). The filling machine also comprises at least one controlled gas path, which is formed in or on each filling element (6, 6a) and which is provided with at least one control valve (20, 21, 22).

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