

Title (en)

Device and method to produce pressure die castings

Title (de)

Vorrichtung und Verfahren zur Herstellung von Druckgussteilen

Title (fr)

Dispositif et méthode de fabrication des pièces coulées sous pression

Publication

EP 0819487 B1 20020417 (DE)

Application

EP 97111435 A 19970707

Priority

DE 19628870 A 19960717

Abstract (en)

[origin: EP0819487A1] The apparatus for production of die-castings includes a die (12) and a suction system for controlled evacuation of the die cavity. The suction system consists of a vacuum tank (18) and a suction line (20) with a valve (22) connecting the vacuum tank to the die cavity. The suction line incorporates another valve (24) arranged in series with the valve (22) so that a reference space (26) is formed between the valves (22, 24). Also claimed (below) is a method for production of die-castings.

IPC 1-7

B22D 17/14; **B22D 17/32**

IPC 8 full level

B22D 17/14 (2006.01); **B22D 17/32** (2006.01)

CPC (source: EP US)

B22D 17/14 (2013.01 - EP US); **B22D 17/32** (2013.01 - EP US)

Cited by

DE102016221675A1; DE102016221675B4; DE102016221674A1; DE102016221674B4; DE102016221678A1; EP3593924A1; DE102016221678B4; FR3019772A1; AT515623A3; NL2014610A; CN110328346A; EP3535078A2; WO2018082939A3; WO2018082939A2; US10994330B2; US10994329B2

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AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0819487 A1 19980121; **EP 0819487 B1 20020417**; AT E216296 T1 20020515; DE 19628870 A1 19980122; DE 59707015 D1 20020523; ES 2173358 T3 20021016; JP 3383552 B2 20030304; JP H10118752 A 19980512; US 6125911 A 20001003

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