

Title (en)
DEVICE FOR WETTING MOULD SURFACES WITH A LIQUID

Publication
EP 0190340 B1 19900606 (DE)

Application
EP 85904440 A 19850819

Priority
DE 3431253 A 19840824

Abstract (en)
[origin: WO8601442A1] For cooling, cleaning and/or lubrication purposes, a device (10) for wetting mould surfaces (12) is arranged on a pressure-casting machine, equipped with a spray head (10), provided with directionally orientable spray nozzles (42), in which liquid passages (44) and settable throttle valves (46) are arranged. In order to design a device of this type so that it is suitable for the specific treatment of a very wide range of shaped surfaces, without it being necessary to undertake, for each new change in shape or for each new application, costly adjustments, and also to ensure a faster automatic pressure casting operation without any rejects and avoid unduly high protection and storage costs, the spray head (40) consists of a fixed part (48) as well as of an easily exchangeable spray nozzle carrier (54) which lies against the latter as a seal, whereby the fixed part contains the passages (44) and the throttle valves operating in conjunction with the passages, and is connected with the movable holding elements and the spray nozzle carrier as a relatively simple and inexpensive component equipped only with the spray nozzles (42) and, if applicable, displacement elements for moving the throttle valves (46).

IPC 1-7
B22D 17/20

IPC 8 full level
B05B 13/04 (2006.01); **B22D 17/20** (2006.01); **B29C 45/17** (2006.01)

CPC (source: EP KR)
B22D 17/00 (2013.01 - KR); **B22D 17/2007** (2013.01 - EP)

Cited by
DE102013223311A1; EP0920939A1; CN110899650A; US10695829B2

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
WO 8601442 A1 19860313; AU 4805885 A 19860324; DE 3431253 A1 19860306; DE 3431253 C2 19921022; DE 3578046 D1 19900712; EP 0190340 A1 19860813; EP 0190340 B1 19900606; JP H028822 B2 19900227; JP S6182957 A 19860426; KR 860001628 A 19860320

DOCDB simple family (application)
EP 8500423 W 19850819; AU 4805885 A 19850819; DE 3431253 A 19840824; DE 3578046 T 19850819; EP 85904440 A 19850819; JP 18652985 A 19850823; KR 850006112 A 19850823