

Title (en)
MACHINE FOR COATING MOTOR VEHICLE BODIES

Publication
EP 0392267 A3 19911030 (DE)

Application
EP 90105956 A 19900328

Priority
DE 3911454 A 19890407

Abstract (en)
[origin: EP0392267A2] A roof machine for electrostatically coating with paint (lacquer) the front, roof and rear areas of motor vehicle bodies transported on a conveyor belt is provided, in which a roof beam extending over the conveyor belt and equipped with atomisers is mounted at both ends in two vertical columns of which one contains the drive elements for the roof beam and the atomisers and of which the other contains the paint supply for the atomisers. The bearing of the roof beam in the vertical columns is in this case designed in such a way that the roof beam can be moved up and down and rotated about its longitudinal axis whilst the atomisers can be moved backwards and forwards together and tilted and individually adjusted with respect to their lateral spacing from one another. The housing cover of the roof beam constitutes a cylinder. <IMAGE>

IPC 1-7
B05B 13/04; **B05B 5/08**

IPC 8 full level
B05B 5/08 (2006.01); **B05B 13/04** (2006.01)

CPC (source: EP US)
B05B 13/0452 (2013.01 - EP US)

Citation (search report)
• [A] US 3001504 A 19610926 - OTTO GENGENBACH, et al
• [A] GB 2190312 A 19871118 - HONDA MOTOR CO LTD [JP]

Cited by
EP0536459A1; CN102553761A; CN105327810A; DE4408169A1; DE4408169C2; CN106216127A; CN106216138A; WO9214553A1

Designated contracting state (EPC)
BE DE ES FR GB IT NL SE

DOCDB simple family (publication)
EP 0392267 A2 19901017; **EP 0392267 A3 19911030**; **EP 0392267 B1 19931229**; DE 3911454 A1 19901011; DE 59003997 D1 19940210; JP H03202167 A 19910903; US 5092307 A 19920303

DOCDB simple family (application)
EP 90105956 A 19900328; DE 3911454 A 19890407; DE 59003997 T 19900328; JP 9198090 A 19900406; US 50617290 A 19900409