

Title (en)

Machine for painting or colouring products with large surfaces

Title (de)

Maschine zum Bemalen oder Kolorieren von Produkten mit großen Oberflächen

Title (fr)

Machine pour la peinture et la coloration de produits à grande surface

Publication

EP 2090374 A1 20090819 (EN)

Application

EP 09150417 A 20090113

Priority

IT VI20080040 A 20080214

Abstract (en)

The finding concerns a machine for painting or colouring products (P) with large surfaces, through the use of airbrushes or spray guns (K), arranged above the products (P) to be painted. Such products (P) are equipped with means (T) that make them advance along a predetermined direction. Moreover, at least four of said airbrushes or spray guns (K) are foreseen and they are equipped with alternate rectilinear movement means (1,2,3,4) perpendicular to the advancing direction of the products (P) to be painted. Such a machine is characterised in that each airbrush or spray gun (K) is equipped with independent movement means (1,2,3,4) with respect to one another.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] US 2003234272 A1 20031225 - LAMOTHE CHRISTIAN [FR], et al
- [Y] US 5662968 A 19970902 - YAMAGUCHI TAKAHIRO [JP]
- [Y] US 2588125 A 19520304 - KNOWLAND THOMAS M, et al
- [A] JP 2003135998 A 20030513 - KANSAI PAINT CO LTD

Cited by

IT202000019747A1; IT201700057435A1; IT201800005013A1; CN112808485A; ITBO20120077A1; CN111989164A; EP3238900A1; ITUA20163013A1; CN110560302A; FR3121630A1; US11660632B2; EP3205406A1; ITUB20160576A1; WO2022214615A1; WO2019186402A1

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