

Title (en)
Dust removing system

Title (de)
System zur Entfernung von Staub

Title (fr)
Système d'enlevage de poussière

Publication
EP 0810039 B1 20020123 (EN)

Application
EP 97108466 A 19970526

Priority
JP 15905796 A 19960529

Abstract (en)
[origin: EP0810039A2] A dust removing system which is possible to remove dust (R) strongly adhered to a work (2) surely and is possible to prevent the work (2) from damaging. The dust removing system is provided with an air sucking chamber (4) having an air sucking opening (3) which opens at a position near the work (2), a rotating brushroll (5) disposed inside said air sucking chamber (4) slidable on said work (2), and a nozzle (6) arranged inside said air sucking chamber (4) for sucking and removing dust (R) adhering to the rotating brushroll (5) and to be close to or contact with said rotating brushroll (5). A diameter (D) of said rotating brushroll (5) and an inner width (W) of said air sucking chamber (4) parallel to a traveling direction of said work (2) are arranged to be $D \leq W \leq (D+20\text{mm})$. <IMAGE>

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B07B 4/00 (2013.01 - KR); **B08B 1/32** (2024.01 - EP); **B08B 1/52** (2024.01 - EP); **B08B 1/54** (2024.01 - EP); **B08B 5/04** (2013.01 - EP); **B08B 5/043** (2013.01 - EP); **B08B 15/04** (2013.01 - EP)

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CN113275289A; DE19838757C1; CN112845207A; CN113908936A; DE10018388C1; CN105935660A; CN102319712A; CN114643217A; DE10302127A1; CN109877469A; CN102458696A; EP3686324A4; EP3626356A1; GB2618595A; EP2130613A1; FR2931712A1; EP2037037A1; WO2010140967A1; WO2007059919A3; WO2023218173A1; WO2006029471A1; US11559134B2; WO2005049238A1; US7017226B2; US11559824B2; EP3686324B1; US11141759B2; US11420229B2; US11511318B2; US11717850B2; US11717851B2; US11883843B2

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