

Title (en)

Exhaustion device for the removal of the dust produced by cutting paperboard, paper and the like

Title (de)

Staubabsaugvorrichtung zur Entfernung des beim Schneiden von Karton, Papier oder ähnlichen Materialien entstehenden Staubes

Title (fr)

Dispositif d'évacuation pour l'élimination des poussières produites pendant la coupe de carton, papier ou de matériaux similaires

Publication

EP 0887160 A2 19981230 (EN)

Application

EP 98111496 A 19980623

Priority

IT MI971495 A 19970625

Abstract (en)

Dust exhaustion device suitable for the removal of dusty residues and the like produced on the machines for the rectilinear cutting of paperboard sheets and the like by a discoid cutting blade; said device is constituted by an upper suction duct (1a), located parallel to the cutting blade (9), and so arched as to expose its suction mouth (1c) before said blade; there being also provided a suction duct (2) located under the cutting top, downstream of said discoid blade and connected to said suitably perforated top through a grooved drilled plate (3). Said upper suction duct (1a) and said lower suction duct (2) being then connected to a suction unit (14) with the interposition of at least a filtering unit (15) for the collection of the residues exhausted through said two ducts. <IMAGE>

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B26D 7/18; **B08B 15/04**

IPC 8 full level

B08B 15/04 (2006.01); **B26D 7/18** (2006.01)

CPC (source: EP)

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Cited by

EP1671762A1; CN106976121A; CN111588869A; CN117507024A; CN110919743A; EP1125646A1; DE102012012262A1; DE102012012262B4; CN114407098A; DE102004060849B3; CN110216733A; CN114043537A; WO2019233808A1; WO202064333A1; US6912942B2; DE102021110512A1; WO2022223760A1; WO2015128347A1; WO2022116634A1

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