

Title (en)
Waste fan for a sheet punch press and embossing machine

Title (de)
Abfallgebläse für eine Bogenstanz- und Prägemaschine

Title (fr)
Souffleur de déchets pour une presse de découpage et de cannelage

Publication
EP 1867449 B1 20100428 (DE)

Application
EP 07108100 A 20070514

Priority
DE 102006027124 A 20060612

Abstract (en)
[origin: EP1867449A1] The machine (1) has a circular gripping carriage (8), with which a sheet (6) is gripped at a gripper edge (15) using a gripper that is fastened at the gripper carriage, and a punching station (2), in which an edge of the gripper edge is separatable from the sheet. An ejector station (24) is provided for ejecting the gripper edge from the gripper and contains a blower, which impinges the air flow at the gripper edge. The gripper carriage is led in a circular path across a conveyor (17).

IPC 8 full level
B26D 7/18 (2006.01); **B26F 1/40** (2006.01); **B65H 5/08** (2006.01); **B65H 29/04** (2006.01); **B26D 7/32** (2006.01)

CPC (source: EP US)
B26D 7/1854 (2013.01 - EP US); **B26F 1/40** (2013.01 - EP US); **B65H 5/08** (2013.01 - EP US); **B65H 5/085** (2013.01 - EP US); **B65H 29/042** (2013.01 - EP US); **B26D 7/1818** (2013.01 - EP US); **B26D 7/32** (2013.01 - EP US); **B65H 2301/543** (2013.01 - EP US); **B65H 2701/176** (2013.01 - EP US); **B65H 2801/42** (2013.01 - EP US)

Cited by
CN109573706A; DE102011014583A1; DE102019128983A1; EP2889111A1; CN109070379A; RU2694303C1; AU2017230513B2; DE102019128981A1; DE102014013669A1; WO2010057678A1; WO2017153056A1; DE102019128983B4; US11814254B2; US11007662B2; DE102019128981B4; TWI571369B

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1867449 A1 20071219; EP 1867449 B1 20100428; AT E465853 T1 20100515; CN 101088724 A 20071219; CN 101088724 B 20110302; DE 102006027124 A1 20071213; DE 502007003566 D1 20100610; ES 2342204 T3 20100702; US 2007296142 A1 20071227; US 7896329 B2 20110301

DOCDB simple family (application)
EP 07108100 A 20070514; AT 07108100 T 20070514; CN 200710109197 A 20070612; DE 102006027124 A 20060612; DE 502007003566 T 20070514; ES 07108100 T 20070514; US 75634807 A 20070531