

Title (en)

DEVICE FOR SEPARATING SHEETS OF PAPER BY BLOWING AIR

Title (de)

VORRICHTUNG ZUM TRENNEN VON PAPIERBÖGEN DURCH BLASEN VON LUFT

Title (fr)

DISPOSITIF POUR SÉPARER DES FEUILLES DE PAPIER PAR INSUFFLATION D'AIR

Publication

**EP 2107995 A4 20140806 (EN)**

Application

**EP 08705322 A 20080117**

Priority

- SE 2008050050 W 20080117
- SE 0700106 A 20070118

Abstract (en)

[origin: WO2008088286A1] A vertical friction sorter comprises a plurality of stations (8) arranged above each other, each one of which is intended to contain a pile of sheets of paper (1) lying on each other, one sheet at a time being intended to be picked from the stations in a predetermined order for further processing. In a device for separating sheets of paper (1) by blowing air in such a friction sorter, at least one fan (3) is arranged in each station (8) beside the storage surface (2) for the stack of sheets for blowing air essentially horizontally through the pile in order to separate sheets (1) of the pile.

IPC 8 full level

**B65H 3/48** (2006.01); **B65H 1/04** (2006.01)

CPC (source: EP SE)

**B65H 1/04** (2013.01 - EP); **B65H 3/44** (2013.01 - EP); **B65H 3/48** (2013.01 - EP SE); **B65H 2405/332** (2013.01 - EP); **B65H 2406/121** (2013.01 - EP)

Citation (search report)

- [A] US 2004178557 A1 20040916 - OKAZAKI SHIGERU [JP], et al
- [A] US 5499806 A 19960319 - BOURG CHRISTIAN-P [BE]
- See also references of WO 2008088286A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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