

Title (en)

SKIRT COMPRISING AT LEAST THREE DISTINCT SERIES OF SHAPING AIR EJECTING NOZZLES, ROTARY PROJECTOR OF COATING PRODUCT WITH SUCH A SKIRT AND COATING PROCESS USING IT

Title (de)

LENKLUFTRING MIT MINDESTENS DREI SERIEN VON VERSCHIEDENEN LUFTAUSSTOSSDÜSEN, DREHZERSTÄUBER FÜR EIN BESCHICHTUNGSPRODUKT MIT EINER SOLCHEM RING, UND BESCHICHTUNGSVERFAHREN

Title (fr)

JUPE COMPRENANT AU MOINS TROIS SÉRIES DE BUSES D'ÉJECTION D'AIR DISTINCTES, PROJECTEUR ROTATIF DE PRODUIT DE REVÊTEMENT AVEC UNE TELLE JUPE ET SON PROCÉDÉ D'UTILISATION

Publication

EP 3269454 B2 20230719 (FR)

Application

EP 17180567 A 20170710

Priority

FR 1656633 A 20160711

Abstract (en)

[origin: US2018008997A1] This skirt (20) is intended to equip a coating product rotary projector. The skirt (20) has a plurality of air ejection nozzles (40, 42, 44, 46) arranged in said skirt (20) to eject jets of air forming shaping air suitable for shaping the jets of coating product, said air ejection nozzles (40, 42, 44, 46) comprising at least three separate series of nozzles (41, 43, 45, 47) each made up of a plurality of air ejection nozzles (40, 42, 44, 46) fluidly connected to a shared supply chamber, specific to said series of nozzles (41, 43, 45, 47).

IPC 8 full level

B05B 3/10 (2006.01); **B05B 13/04** (2006.01)

CPC (source: EP KR RU US)

B05B 1/005 (2013.01 - KR); **B05B 1/14** (2013.01 - KR); **B05B 1/26** (2013.01 - KR); **B05B 3/02** (2013.01 - KR); **B05B 3/1014** (2013.01 - RU US); **B05B 3/1092** (2013.01 - EP RU US); **B05B 9/03** (2013.01 - KR); **B05B 13/0431** (2013.01 - KR RU US); **B05B 3/1064** (2013.01 - EP US); **B05B 13/0452** (2013.01 - EP US)

Citation (opposition)

Opponent :

- US 5954275 A 19990921 - HONMA KENGO [JP], et al
- US 9174230 B2 20151103 - ANFINDSEN OLE ARNT [NO], et al
- EP 2058053 A1 20090513 - RANSBURG IND FINISHING KK [JP]
- US 8025026 B2 20110927 - LE STRAT CEDRIC [FR], et al
- JP 2001239190 A 20010904 - TOYOTA MOTOR CORP
- WO 2008095657 A1 20080814 - DUERR SYSTEMS GMBH [DE], et al
- JP H0994488 A 19970408 - MAZDA MOTOR
- WO 2008061584 A1 20080529 - DUERR SYSTEMS GMBH [DE], et al
- JP 2007203257 A 20070816 - DUERR JAPAN KK
- JP H10216567 A 19980818 - ABB IND KK
- WO 2009112932 A1 20090917 - RANSBURG IND FINISHING KK [JP], et al
- JP H0884941 A 19960402 - NISSAN MOTOR
- EP 1331037 A2 20030730 - DUERR SYSTEMS GMBH [DE]
- DE 102006057596 A1 20080619 - DUERR SYSTEMS GMBH [DE]
- WO 2009149950 A1 20091217 - DUERR SYSTEMS GMBH [DE], et al
- US 2011210180 A1 20110901 - PERINET SYLVAIN [FR], et al
- JP H0724367 A 19950127 - TOYOTA MOTOR CORP
- JP H09996 A 19970107 - TOYOTA MOTOR CORP

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US11213838B2; EP3593905A4

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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