

Title (en)
Spraying damping unit with high effective spraying frequency

Title (de)
Sprühfeuchtwerk mit hoher effektiver Sprühfrequenz

Title (fr)
Dispositif de mouillage à haute fréquence effective de pulvérisation

Publication
EP 1033245 B1 20020515 (DE)

Application
EP 00102164 A 20000208

Priority
US 25992799 A 19990301

Abstract (en)
[origin: EP1033245A1] The spray appliance has spray nozzles (40a, 40b, 40c) for applying jets of spray to the surface (62) of the printer's target element (60). Each spray nozzle goes through a cycle of pre-set frequency and phase-displacement. The individual phase displacements are synchronized so that the effective frequency of the spray-jets directed at the surface is greater than the pre-set frequency.

IPC 1-7
B41F 7/30

IPC 8 full level
B41F 7/30 (2006.01)

CPC (source: EP US)
B41F 7/30 (2013.01 - EP US)

Cited by
DE102014218452A1; DE102014218451A1; DE102014218451B4; US9908322B2; WO2016041642A1; EP2117843B1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1033245 A1 20000906; EP 1033245 B1 20020515; AT E217577 T1 20020615; DE 10005908 A1 20000907; DE 50000164 D1 20020620; JP 2000246864 A 20000912; US 6327974 B1 20011211

DOCDB simple family (application)
EP 00102164 A 20000208; AT 00102164 T 20000208; DE 10005908 A 20000210; DE 50000164 T 20000208; JP 2000056271 A 20000301; US 25992799 A 19990301