

Title (en)
Rotary speed control system

Title (de)
Drehzahlregeleinrichtung

Title (fr)
Système de commande de la vitesse de rotation

Publication
EP 0768173 B1 19990324 (DE)

Application
EP 96116067 A 19961008

Priority
DE 19537587 A 19951009

Abstract (en)
[origin: EP0768173A1] The machine has three units (3,4,7) connected together by a forced drive (22) and driven by separate electric motors (18,19,21). One motor (18) with its control loop (24) and rotational speed set-point (26) acts as a master, and the other two with their control loops (36,37) dependent upon the master current set-point (28) as slaves. Each slave control loop incorporates a smoothing filter (46) for the set-point current with a parameter-setting input (47) and a current output level adaptor (39). This provides a desired value which is compared (41) with the actual current (44) drawn by the slave motor concerned.

IPC 1-7
B41F 13/004

IPC 8 full level
B41F 13/004 (2006.01); **B41F 33/00** (2006.01); **B41F 33/08** (2006.01); **H02P 5/46** (2006.01)

CPC (source: EP US)
B41F 13/0045 (2013.01 - EP US)

Cited by
EP2199083A1; EP0920992A3

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
DE 19537587 A1 19970410; **DE 19537587 C2 19980226**; DE 59601488 D1 19990429; EP 0768173 A1 19970416; EP 0768173 B1 19990324; JP 2944940 B2 19990906; JP H09168292 A 19970624; US 5787806 A 19980804

DOCDB simple family (application)
DE 19537587 A 19951009; DE 59601488 T 19961008; EP 96116067 A 19961008; JP 26454596 A 19961004; US 73101096 A 19961009