

Title (en)
DRIVE WITH POWER BRANCHING FOR A MULTICOLOUR ROTARY PRINTING MACHINE

Publication
EP 0031003 B1 19860205 (DE)

Application
EP 80106012 A 19801003

Priority
DE 2952365 A 19791224

Abstract (en)
[origin: EP0031003A2] 1. Driving system for multi-colour rotary printing machines having printing units (1 to 6) disposed in tandem arrangement, said printing units being connected to one another via a gear train (22) and being driven via two power input locations (21, 36), each of which is fed via a supplying path (8, 9) by a common motor (7) with a variable, speed-dependent power, and whereby a supplying path is provided with a coupling (12), wherein the coupling (12) is designed as a hydrodynamic coupling and connected to the supplying path (9) having a power increasing with the cube of the speed and feeding the second power input location (36, 38), in such a way that the coupling primary part (11) assigned to the driving motor (7) revolves more rapidly than does the coupling secondary part (30) assigned to the second power input location (36, 38), whereby a constant rotary speed ratio is maintained therebetween and the power increase of the supplying path (9) feeding the second power input location (36, 38) is proportional to the power decrease of the supplying path (8) feeding the first power input location (21, 37).

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