

Title (en)

Transmission for driving the screws of a double-screw press

Title (de)

Getriebeanordnung zum Antrieb der beiden Schnecken einer Doppelschneckenpresse

Title (fr)

Transmission pour l'entraînement des vis d'une presse à double vis

Publication

EP 0738585 B1 20010117 (DE)

Application

EP 96103491 A 19960306

Priority

DE 19514406 A 19950419

Abstract (en)

[origin: EP0738585A2] The transmission has a first through drive shaft (14), able to be coupled on one side to the first output shaft of a reduction gear and on the other side to one of the screw conveyors. There is a second drive shaft (30) parallel to the first one, able to be coupled to the second output shaft of the reduction gear and to an intermediate shaft (24) to which it is parallel, via opposite-hand helical gear pairs (28,34). The second drive shaft and the intermediate shaft are engaged with each other by means of at least three of the helical gear pairs. The gears (34) for one of the two shafts can be moved axially. A load levelling device (38,44) is fitted between the gear wheels (34).

IPC 1-7

B30B 11/24; **B29C 47/08**

IPC 8 full level

B29C 47/08 (2006.01); **B30B 11/24** (2006.01)

CPC (source: EP)

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Cited by

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EP 0738585 A2 19961023; **EP 0738585 A3 19970226**; **EP 0738585 B1 20010117**; AT E198722 T1 20010215; DE 19514406 A1 19961024; DE 59606326 D1 20010222

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