

Title (en)  
In-line sander system

Title (de)  
Linearschleifsystem

Title (fr)  
Système de ponçage linéaire

Publication  
**EP 0726121 A2 19960814 (EN)**

Application  
**EP 96300916 A 19960208**

Priority  

- US 38927795 A 19950209
- US 38591095 A 19950209
- US 38614495 A 19950209
- US 38600295 A 19950209

Abstract (en)  
In accordance with one embodiment of the present invention an in-line sander is provided with a sander body (50) which houses a motor (52) coupled to an in-line oscillating mechanism (54). The in-line oscillating mechanism preferably is adapted and configured to move a sanding pad (56) in a linear oscillating motion. The sanding pad (56) preferably is coupled to the in-line oscillating mechanism. The sanding pad may be a corner or detail pad, a shutter pad, or a multiplicity of non-linear profiled pads upon which sanding paper is mounted. A pad frame system for interchangeably holding each of these different types of sanding pads also is provided. In addition, a sander vacuum housing (166) and pad frame system which provides a unique, continuous air flow for dust collection in a sander coupled to a dust collection system is provided.

IPC 1-7  
**B24B 23/04**; **B24B 55/10**; **B24D 9/08**

IPC 8 full level  
**B24B 55/06** (2006.01); **B24B 23/04** (2006.01); **B24B 55/10** (2006.01); **B24D 9/08** (2006.01)

CPC (source: EP)  
**B24B 23/04** (2013.01); **B24B 55/105** (2013.01); **B24D 9/08** (2013.01)

Cited by  
US6260591B1; CN104227536A; GB2402641A; GB2402641B; GB2315693A; GB2315693B; EP0925876A3; EP2777875A3; US6186878B1; US7169025B2; WO2004076125A1; WO2021078251A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0726121 A2 19960814**; **EP 0726121 A3 19961002**; JP H091451 A 19970107

DOCDB simple family (application)  
**EP 96300916 A 19960208**; JP 5994696 A 19960209