

Title (en)  
Storage bin

Title (de)  
Silo

Title (fr)  
Silo

Publication  
**EP 0952094 A2 19991027 (EN)**

Application  
**EP 99303024 A 19990420**

Priority  
GB 9808317 A 19980420

Abstract (en)  
A storage bin, for example for flour, wheat and so on, comprises a number of corners as shown in the figure. Typically, there will be four corners. Adjacent wall members (50, 52) are provided with a respective partial fillet (60, 63). In the case of a four-sided storage bin these fillets will preferably have been at an angle of 45 DEG to the adjacent wall but other angles are possible. The partial fillets (60, 63) are joined by a backing plate (71) to which the fillets are riveted (90, 92, 90', 92', 90", 92"). A weld (100) is provided between the partial fillets (60, 63). For larger storage bins, which are assembled on site, the weld (100) will comprise an on-site weld. Such a weld will generally need to be ground subsequently to meet hygiene requirements. In smaller versions of the bin, the weld (100) can be a shop-laid weld which requires no subsequent grinding. The completed bin, therefore, has no crevices or closed voids in which infestation and breeding of unwanted organisms can occur. <IMAGE>

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IPC 8 full level  
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